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# Federal Milk Order Market Statistics for January 1984

## Highlights

- Minimum Class I Price, \$14.72; Blend, \$13.36
- Producer Deliveries - Down 1.5 Percent
- Producer Milk Used in Class I - Up 1.6 Percent
- 46 Percent of Deliveries Used in Class I
- In-Area Fluid Sales (Adjusted) - Up 1.0 Percent



## Special This Issue

How Federal Milk Order Market Statistics Are Developed  
and What They Mean

### Special Section

Measures of Growth in Federal Milk Order Markets, 1947-83

Index of Special Articles in 1983 Summaries

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FEDERAL MILK ORDER MARKET STATISTICS  
SUMMARY OF PRODUCER DELIVERIES, PRODUCER DELIVERIES USED IN CLASS I, AND PRICES

Year	Number of Markets	Average number of producers	Producer deliveries	Percent change 1/	Average daily deliveries	Percent change 1/	Producer deliveries used in Class I	Percent change 1/	Class I utilization	Prices per hundredweight
			Total				Total			Class I : Blend
			Bil. lbs.		Pounds		Bil. lbs.		Percent	-Dollars-
1979	47	116,447	79.4	1.7	1,870		41.0	.3	52	12.88
1980	47	117,518	84.0	5.5	1,953		41.0	-.2	49	13.77
1981	48	119,323	88.0	5.0	2,021		40.7	-.4	46	14.69
1982	49	120,743	91.6	4.1	2,079		40.8	.1	45	14.63
1983	46	121,051	95.8	4.5	2,168		41.1	.7	43	14.69
										11.97
										12.86
										13.63
										13.53
										13.53

Year and month	Number of comp. 2/	Number of producers	Producer deliveries	Percent change 1/	Average daily deliveries	Percent change 1/	Producer deliveries used in Class I	Percent change 1/	Class I utilization	Prices per hundredweight
			Total		Total		Total			Class I : Blend
			Bil. lbs.		Mil. lbs.		Bil. lbs.		Percent	-----Dollars-----
1984	45	120,445	7.8	- 1.5	253.2		3.6	-1.6	44	14.72
Jan.										13.36
Feb.										13.64
Mar.										
Apr.										
May										
June										
July										
Aug.										
Sept.										
Oct.										
Nov.										
Dec.										
Year to date										
3/										

1/ Represents changes over the previous year. Percentages computed from unrounded numbers. Data for 1980 adjusted to a 365-day basis before computing percent changes.

2/ Based on comparable markets--orders which were effective entire period, 1983-84, and which have had no significant marketing area changes. All 45 markets are comparable.

3/ Average or total. May not add due to rounding.

SUMMARY OF PACKAGED DISPOSITIONS OF FLUID MILK AND FLUID CREAM ITEMS 1/

Year and month	Number of markets	Whole milk items 2/	Percent	Lowfat and skim milk items 3/	Percent	Milk and cream mixtures	Percent	Cream items 4/	Percent	Total fluid milk and fluid cream items 5/						
		Dispo- sition	Change 6/:Bf.	Dispo- sition	Change 6/:Bf.	Dispo- sition	Change 6/:Bf.	Dispo- sition	Change 6/:Bf.	Dispo- sition						
		lbs.		lbs.		lbs.		lbs.		lbs.						
1979	47	25,638	- 2.6	3.32	15,274	4.5	1.48	405	1.0	10.8	456	1.9	20.9	42,249	- 0.1	2.91
1980	47	24,817	- 3.5	3.32	16,097	5.1	1.49	415	2.2	10.8	463	1.4	21.1	42,276	- .2	2.89
1981	48	24,042	- 2.9	3.31	16,660	3.8	1.51	426	2.7	10.8	480	3.7	21.5	42,100	- .1	2.88
1982	49	23,798	- 2.8	3.31	17,190	1.9	1.52	436	1.9	10.8	518	7.1	20.8	42,477	- .6	2.88
1983 7/																
Jan.	44	1,651	- 4.8	3.30	1,415	2.2	1.56	28	6.5	10.9	27	10.0	20.6	3,147	- 1.2	2.72
Feb.	44	1,504	- 4.0	3.30	1,306	2.1	1.56	26	1.8	10.9	29	6.9	20.8	2,893	- 0.8	2.74
Mar.	44	1,665	- 3.4	3.29	1,446	1.1	1.55	31	4.6	10.9	34	7.6	21.0	3,209	- 0.9	2.75
Apr.	44	1,595	- 3.8	3.29	1,406	3.1	1.56	29	.6	10.9	32	.9	21.1	3,092	- .3	2.75
May	44	1,547	- 2.2	3.29	1,358	4.4	1.56	30	6.6	10.9	35	9.1	21.1	3,002	- 1.4	2.77
June	44	1,504	- 2.8	3.29	1,216	2.5	1.55	29	1.0	10.9	36	4.0	21.1	2,815	- 0.1	2.83
July	44	1,536	- 5.3	3.29	1,216	- .4	1.55	29	- 4.4	10.8	35	3.8	21.1	2,841	- 2.9	2.83
Aug.	44	1,633	1.8	3.29	1,321	7.4	1.57	30	2.4	10.8	37	9.4	21.0	3,049	- 4.6	2.82
Sept.	44	1,649	1.0	3.30	1,452	6.0	1.57	28	4.3	10.8	34	12.0	20.9	3,191	- 3.6	2.75
Oct.	44	1,625	- 2.3	3.31	1,461	4.0	1.58	30	5.0	10.8	34	8.9	20.7	3,178	- .9	2.76
Nov.	44	1,605	- 3.3	3.30	1,426	2.2	1.58	31	1.3	10.9	44	14.2	21.8	3,149	- .5	2.88
Dec.	44	1,685	- .9	3.31	1,452	4.5	1.59	34	5.6	11.1	52	13.5	21.2	3,302	- 1.8	2.99
Year to date	---	19,199	- 2.5	3.30	16,475	3.3	1.57	356	2.9	10.9	429	8.6	21.0	36,869	- .5	2.80

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers. Besides receipts from producers, these dispositions also may include receipts from other Federal order plants and/or receipts from other sources.

2/ Plain and flavored whole milk.

3/ Plain, solids added, and flavored lowfat and skim milk, and buttermilk.

4/ Light, heavy, and sour cream, and cream dips.

5/ Includes eggnog and yogurt.

6/ Represents changes over the previous year. Percentages are based on the same number of markets in both years. Data for 1980 adjusted to a 365-day basis before computing percent changes.

7/ Represents the data for all Federal milk order markets, except for New York-New Jersey and Alabama-West Florida.

SUMMARY OF MILK, SKIM MILK, AND CREAM UTILIZED IN MANUFACTURED PRODUCTS AND USES 1/

Year and month	Num-ber	Butter			Cheese			Frozen desserts			Cottage cheese			Nonfat dry milk			Total 2/		
		Total	Percent	Change	Total	Percent	Change	Total	Percent	Change	Total	Percent	Change	Total	Percent	Change	Total	Percent	Change
mkts.		3/	Bf.	3/	Bf.	3/	Bf.	3/	Bf.	3/	Bf.	3/	Bf.	3/	Bf.	3/	Bf.	3/	Bf.
		Mil. Tbs.			Mil. Tbs.			Mil. Tbs.			Mil. Tbs.			Mil. Tbs.			Mil. Tbs.		
1979	47	1,156	- 1.9	38.7	20,166	10.4	3.74	2,745	.2	12.6	3,899	10.2	1.15	6,127	- 6.5	.12	40,404	4.3	4.38
1980	47	1,315	17.3	40.0	22,723	12.5	3.74	2,837	1.0	12.4	4,099	12.6	1.23	8,081	31.6	.14	45,284	10.0	4.31
1981	48	1,437	9.6	40.0	25,302	10.9	3.72	2,906	1.3	12.2	4,018	- 5.0	1.19	9,455	16.3	.10	49,750	8.2	4.23
1982	49	1,550	5.5	39.4	27,408	7.8	3.71	3,094	2.8	12.0	3,893	- 5.0	1.17	10,647	11.8	.09	53,335	5.7	4.20
1983 4/																			
Jan.	44	150	3.1	41.4	2,080	8.8	3.78	185	9.5	12.3	256	12.5	1.38	887	13.3	.08	3,954	6.4	4.52
Feb.	44	141	4.3	40.3	1,954	8.8	3.75	200	5.1	12.2	241	- 4.5	1.30	869	12.1	.09	3,780	5.9	4.46
Mar.	44	144	1.1	39.7	2,294	9.7	3.77	244	.6	12.3	295	15.2	1.50	990	14.4	.09	4,435	4.9	4.30
Apr.	44	142	2.2	39.9	2,332	10.4	3.74	239	- 3.0	11.4	274	10.5	1.42	983	6.9	.08	4,433	5.6	4.25
May	44	148	7.6	37.0	2,526	8.5	3.67	313	10.6	10.4	295	16.9	1.41	1,095	10.1	.10	4,863	8.4	4.07
June	44	132	12.0	36.2	2,505	9.1	3.59	314	4.4	11.5	290	18.2	1.37	1,066	8.5	.07	4,817	8.5	3.96
July	44	135	6.6	30.8	2,364	7.6	3.55	306	1.7	11.4	283	17.6	1.34	958	1.0	.07	4,535	5.7	3.89
Aug.	44	123	7.9	30.6	2,129	5.5	3.58	315	5.9	11.6	307	26.7	1.36	859	3.5	.08	4,210	6.2	3.97
Sept.	44	95	- 7.8	39.4	1,977	9.9	3.84	252	7.2	12.2	282	21.1	1.37	709	- .3	.08	3,735	4.3	4.26
Oct.	44	135	7.0	36.6	2,003	7.5	3.93	220	5.0	12.6	263	28.8	1.52	739	5.6	.11	3,765	6.3	4.55
Nov.	44	119	6.5	41.4	1,948	8.2	3.98	190	.9	13.2	239	22.3	1.54	733	6.8	.09	3,643	6.9	4.62
Dec.	44	131	4.0	41.6	2,104	6.8	3.97	169	- 2.4	13.3	223	15.8	1.57	793	- 7.2	.07	3,846	4.6	4.59
Year to date	--	1,596	4.4	37.9	26,215	8.4	3.75	2,949	3.8	11.9	3,248	16.6	1.42	10,682	6.3	.08	50,015	6.2	4.27

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to nonorder plants for processing. Some data are partially estimated.

2/ Includes, in addition to listed manufactured products, milk, skim milk, and cream used in other manufactured products: i.e., evaporated milk; condensed milk; whole milk powder; aerated, frozen, and plastic cream; milk, skim milk, and cream used in food products as well as used in animal feed; dumped or spilled; plant loss; and unidentified.

3/ Represents changes over the previous year. Percentages are based on the same number of markets in both years. These changes are based on pounds of butterfat, except for nonfat dry milk which is based on pounds of skim milk. Data for 1980 adjusted to a 365-day basis before computing percent changes.

4/ Excludes New York-New Jersey and Alabama-West Florida.

# SUMMARY OF PACKAGED SALES OF FLUID MILK ITEMS IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS 1/

Year and month	Number of mkts.	Whole milk items 2/				Lowfat and skim milk items 3/				Total fluid milk items			
		Percent		Percent		Percent		Percent		Percent		Percent	
		Change 4/		Change 4/		Change 4/		Change 4/		Change 4/		Change 4/	
		Total	Adj. 5/	Total	Adj. 5/	Total	Adj. 5/	Total	Adj. 5/	Total	Adj. 5/	Total	Adj. 5/
		Mil. lbs.		Mil. lbs.		Mil. lbs.		Mil. lbs.		Mil. lbs.		Mil. lbs.	
1980	47	23,852	- 4.0	3.32	4.7	15,585	4.7	1.49	39,436	39,322	- .7	- .7	2.60
1981	48	22,985	- 3.5	3.32	3.3	16,090	3.3	1.52	39,074	39,058	- .8	- .8	2.57
1982	49	22,681	- 3.2	3.32	1.5	16,554	1.5	1.54	39,235	39,342	- 1.3	1.2	2.55
1983 6/	45	19,036	- 2.3	3.30	3.1	16,173	3.1	1.57	35,210	35,013	0.1	0.2	2.50
1984 7/	44	1,620	- 1.3	3.31	4.4	1,456	4.4	1.58	3,076	2,940	1.3	1.0	2.49
Jan.													
Feb.													
Mar.													
Apr.													
May													
June													
July													
Aug.													
Sept.													
Oct.													
Nov.													
Dec.													
Year													
to													
date													

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated.

2/ Plain and flavored whole milk.

3/ Plain, solids added, flavored lowfat and skim milk, and buttermilk.

4/ Represents changes over the previous year. Percentages are based on the same number of comparable markets in both years. Data for 1980 are adjusted to a 365-day basis before computing percent changes.

5/ Adjusted to eliminate variations in data due to calendar composition and seasonality. See special article in FMOS-285, September 1983 Summary

6/ Excludes New York-New Jersey.

7/ Excludes New York-New Jersey. Data for the current month are estimated.

[illegible]

TABLE 1--FEDERAL ORDER FLUID (CLASS 1) DIFFERENTIALS, MARCH 1984 AND MINIMUM FEDERAL ORDER CLASS 1 PRICES, FEBRUARY AND MARCH 1984 AND 1983 1/

Federal milk order marketing area	Fluid diff. 2/	Class I price		Federal milk order marketing area	Fluid diff. 2/	Class I price	
		February : 1984 :	March : 1983 :			February : 1984 :	March : 1983 :
		Dollars				Dollars	
NORTH ATLANTIC				EAST SOUTH CENTRAL			
New England	3.00	15.11	15.62	Tennessee Valley	2.10	14.21	14.72
New York-New Jersey	2.84	14.95	15.46	Nashville	1.85	13.96	14.47
Middle Atlantic	2.78	14.89	15.40	Paducah	1.70	13.81	14.32
				Memphis	1.94	14.05	14.56
SOUTH ATLANTIC							
Georgia	2.30	14.41	14.92	WEST SOUTH CENTRAL			
Alabama-West Fla.	2.30	14.41	14.92	Central Arkansas	1.94	14.05	14.56
Upper Florida	2.85	14.96	15.47	Fort Smith	1.95	14.06	14.57
Tampa Bay	2.95	15.06	15.57	Southwest Plains	1.98	14.09	14.60
Southeastern Florida:	3.15	15.26	15.77	Texas Panhandle	2.25	14.36	14.87
				Lubbock-Plainview	2.42	14.53	15.04
EAST NORTH CENTRAL				Texas	2.32	14.43	14.94
Michigan Upper Pen.	1.35	13.46	13.97	Greater Louisiana	2.47	14.58	15.09
Southern Michigan	1.60	13.71	14.22	New Orleans-Miss.	2.85	14.96	15.47
Eastern Ohio-W. Pa.	1.85	13.96	14.47				
Ohio Valley	1.70	13.81	14.32	MOUNTAIN			
Indiana	1.53	13.64	14.15	Eastern Colorado	2.30	14.41	14.92
Chicago Regional	1.26	13.37	13.88	Western Colorado	2.00	14.11	14.62
Central Illinois	1.39	13.50	14.01	SW. Idaho-E. Oregon	1.50	13.61	14.12
Southern Illinois	1.53	13.64	14.15	Great Basin	1.90	14.01	14.52
Louis.-Lex.-Evans.	1.70	13.81	14.32	Lake Mead	1.60	13.71	14.22
				Central Arizona	2.52	14.63	15.14
WEST NORTH CENTRAL				Rio Grande Valley	2.35	14.46	14.97
Upper Midwest	1.12	13.23	13.74				
Eastern South Dakota:	1.40	13.51	14.02	PACIFIC			
Black Hills	1.95	14.06	14.57	Puget Sound-Inland	1.85	13.96	14.47
Iowa	1.40	13.51	14.02	Oregon-Washington	1.95	14.06	14.57
Nebr.-Western Iowa	1.60	13.71	14.22				
Greater Kansas City	1.74	13.85	14.36				
St. Louis-Ozarks	1.60	13.71	14.22				

1/ Prices are for 100 pounds of milk of 3.5 percent butterfat content. Prices are listed generally for the major city in the marketing area; see footnotes on page 22 for these locations.

2/ The fluid differential is the amount added to the basic formula price to determine the Class I price. The basic formula price is the Minnesota-Wisconsin price for the second preceding month adjusted to a 3.5 percent butterfat content. See table 17.

3/ Tied to the St. Louis-Ozarks order.

TABLE 2--FEDERAL MILK ORDER CLASS AND BLEND PRICES AND BUTTERFAT DIFFERENTIALS, JANUARY, WITH COMPARISONS 1/

FEDERAL MILK ORDER MARKETING AREA	PRICES PER HUNDREDWEIGHT								DIFFERENTIALS PER 0.1 PERCENT OF BUTTERFAT					
	CLASS I		BLEND 2/		CLASS II		CLASS III		CLASS : CLASS : CLASS :					
	JAN		JAN		JAN		JAN		I : II : III :					
	1984	1983	1984	1983	1984	1983	1984	1983	JAN 1984					
-----DOLLARS-----													-----CENTS-----	
NORTH ATLANTIC														
NEW ENGLAND 3/	15.56	15.56	14.11	14.42			12.08							16.2
NEW YORK-NEW JERSEY 4/	15.40	15.40	13.58	13.94			12.16							16.2
MIDDLE ATLANTIC 5/	15.34	15.34	6/13.76	6/13.92			12.10							16.2
REGIONAL AVERAGE	15.43	15.43	13.75	14.05										16.2
SOUTH ATLANTIC														
GEORGIA 7/	14.86	14.86	14.34	14.25			12.16							16.2
ALABAMA-WEST FLORIDA 8/	14.86	14.86	14.41	14.54			12.15							16.2
UPPER FLORIDA 9/	15.41	15.41	15.08	15.06			12.21							16.2
TAMPA BAY	15.51	15.51	14.92	15.08			12.21							16.2
SOUTHEASTERN FLORIDA 10/	15.71	15.71	15.32	15.38			12.21	11/	6.28					16.2
REGIONAL AVERAGE	15.20	15.19	14.70	14.71										16.2
EAST NORTH CENTRAL														
MICHIGAN UPPER PENINSULA 12/ 13/	13.91	13.91	12.97	13.21			12.05			17.9	16.2			16.9
SOUTHERN MICHIGAN 14/	14.16	14.16	13.06	13.30			12.21							15.9
EAST OHIO-WEST PENNSYLVANIA 15/	14.41	14.41	16/13.23	16/13.53			12.16							16.2
OHIO VALLEY 17/	14.26	14.26	16/13.34	16/13.52			12.16							16.2
INDIANA 18/	14.09	14.09	16/13.36	16/13.50			12.16							16.2
CHICAGO REGIONAL 19/	13.82	13.82	12.64	13.08			12.16							16.2
CENTRAL ILLINOIS 20/	13.95	13.95	13.32	13.46			12.16							16.2
SOUTHERN ILLINOIS 21/	14.09	14.09	13.63	13.71			12.16							16.2
LOUISVILLE-LEXINGTON-EVANSVILLE	14.26	14.26	13.50	13.63			12.16							16.2
REGIONAL AVERAGE	14.13	14.13	12.97	13.29										16.1
WEST NORTH CENTRAL														
UPPER MIDWEST 22/	13.68	13.68	12.35	12.83			12.16							16.2
EAST SOUTH DAKOTA 23/	13.96	13.96	12.84	13.15			12.16							16.2
IOWA 24/	13.96	13.96	12.87	13.19			12.16							16.2
NEBRASKA-WESTERN IOWA 25/	14.16	14.16	16/12.99	16/13.19			12.16							16.2
GREATER KANSAS CITY 26/	14.30	14.30	16/13.18	16/13.39			12.16							16.2
ST. LOUIS-OZARKS 27/	14.16	14.16	16/13.19	16/13.33			12.16							16.2
REGIONAL AVERAGE	13.98	13.98	12.63	13.01										16.2

CONTINUED

See footnotes on page 22.

TABLE 2--FEDERAL MILK ORDER CLASS AND BLEND PRICES AND BUTTERFAT DIFFERENTIALS, JANUARY, WITH COMPARISONS 1/--CONTINUED

FEDERAL MILK ORDER MARKETING AREA	PRICES PER HUNDREDWEIGHT										DIFFERENTIALS PER 0.1 PERCENT OF BUTTERFAT			
	CLASS I		BLEND 2/		CLASS		CLASS		CLASS		CLASS : CLASS : CLASS : CLASS :			
	JAN : JAN :		JAN : JAN :		JAN : JAN :		JAN : JAN :		JAN : JAN :		I : II : III : III :			
	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1984	1984	1984
-----DOLLARS-----														
-----CENTS-----														
EAST SOUTH CENTRAL														
TENNESSEE VALLEY 28/	14.66	14.66	14.03	13.95	12.16	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05	16.2
NASHVILLE	14.41	14.41	13.91	13.65	12.16	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05	16.2
PADUCAH	14.26	14.26	13.95	13.93	12.16	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05	16.2
MEMPHIS	14.50	14.50	13.56	13.94	12.16	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05	16.2
REGIONAL AVERAGE	14.57	14.56	13.93	13.87										16.2
WEST SOUTH CENTRAL														
CENTRAL ARKANSAS 29/	14.50	14.50	14.17	14.26	12.16	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05	16.2
SOUTHWEST PLAINS 30/	14.54	14.54	13.52	13.89	12.16	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05	16.2
TEXAS PANHANDLE 31/	14.81	14.81	14.33	14.51	12.16	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05	16.2
LUBBOCK-PLAINVIEW	14.98	14.98	14.72	14.73	12.16	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05	16.2
TEXAS 32/	14.88	14.88	14.05	14.16	12.16	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05	16.2
GREATER LOUISIANA 33/	15.03	15.03	14.57	14.56	12.16	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05	16.2
NEW ORLEANS-MISSISSIPPI 34/	15.41	15.41	14.69	14.51	12.16	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05	16.2
REGIONAL AVERAGE	14.88	14.88	14.08	14.20										16.2
MOUNTAIN														
EASTERN COLORADO 35/	14.86	14.86	14.23	14.27	12.16	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05	16.2
WESTERN COLORADO 36/	14.56	14.56	13.81	13.96	12.16	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05	16.2
SOUTHWESTERN IDAHO-EASTERN OREG 37/	14.06	14.06	12.52	12.88	12.16	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05	16.2
GREAT BASIN 38/	14.46	14.46	13.62	13.64	12.16	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05	16.2
LAKE MEAD 39/	14.16	14.16	13.71	13.82	12.21	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05	16.2
CENTRAL ARIZONA 40/	15.08	15.08	13.83	13.98	12.16	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05	16.2
RIO GRANDE VALLEY 41/	14.91	14.91	14.11	14.04	12.16	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05	16.2
REGIONAL AVERAGE	14.77	14.78	13.75	13.84										16.2
PACIFIC														
PUGET SOUND-INLAND 42/	14.41	14.43	12.90	13.27	12.31	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05	16.2
OREGON-WASHINGTON 43/	14.51	14.51	13.25	13.53	12.31	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05	16.5
REGIONAL AVERAGE	14.46	14.47	13.03	13.37										16.3
43-MARKET AVERAGE 44/	14.72	14.72	13.36	13.64	45/12.14	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05	16.1
ALL-MARKET AVERAGE 44/	14.72	14.72	13.36	13.64	45/12.14	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05	16.1



TABLE 3--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL PRODUCER DELIVERIES, BUTTERFAT CONTENT OF PRODUCER DELIVERIES, AND AVERAGE DAILY DELIVERY PER PRODUCER, BY MARKETING AREA, JANUARY--CONTINUED

FEDERAL MILK ORDER MARKETING AREA	NUMBER OF PRODUCERS		TOTAL PRODUCER DELIVERIES		BUTTERFAT CONTENT OF PRODUCER DELIVERIES		AVERAGE DAILY DELIVERY PER PRODUCER	
	CHANGE		CHANGE		CHANGE		CHANGE	
	JAN 1984	FROM JAN 1983	JAN 1984	FROM JAN 1983	JAN 1984	FROM JAN 1983	JAN 1984	FROM JAN 1983
	PERCENT		PERCENT		PERCENT		PERCENT	
	1,000 LBS.		1,000 LBS.		POUNDS		POUNDS	
EAST SOUTH CENTRAL								
TENNESSEE VALLEY	1,829	61	108,431	6.3-	115,738	3.95	1,912	2,112
NASHVILLE	496	352-	24,887	47.6-	47,478	3.98	1,619	1,806
PADUCAH	222	75	10,758	18.6	9,068	4.07	1,563	1,990
MEMPHIS	581	110	28,551	29.7	22,007	3.88	1,956	2,625
REGIONAL AVERAGE OR TOTAL	3,128	106-	172,627	11.2-	194,291	3.95	3.84	
WEST SOUTH CENTRAL								
CENTRAL ARKANSAS--FT. SMITH <sup>2/</sup>	988	47	41,428	1.4	40,863	3.76	1,802	1,861
SOUTHWEST PLAINS	2,150	213	130,923	6.5	122,965	3.88	2,205	2,608
TEXAS PANHANDLE	63	62-	8,008	5.6-	8,481	3.74	10,510	3,865
LUBBOCK-PLAINVIEW	34	13-	5,978	3.6-	6,198	3.79	8,067	7,043
TEXAS	3,225	293-	361,974	5.3-	382,318	3.79	3,621	3,506
GREATER LOUISIANA	665	79	43,826	7.7-	47,471	3.74	2,126	2,613
NEW ORLEANS--MISSISSIPPI	1,407	18	81,773	16.5-	97,920	3.78	1,875	2,274
REGIONAL AVERAGE OR TOTAL	8,532	11-	673,910	4.6-	706,216	3.80	3.72	
MOUNTAIN								
EASTERN COLORADO	762	19	73,998	4.8-	77,745	3.81	3,126	3,375
WESTERN COLORADO	47	16-	10,355	3.5	10,006	3.82	7,107	5,123
SOUTHWESTERN IDAHO--EASTERN OREGON	332	42-	41,890	12.1-	47,661	3.87	4,070	4,111
GREAT BASIN	627	25-	71,102	7.1-	76,557	3.73	3,658	3,788
LAKE MEAD	55	19	13,644	7.7	12,663	3.57	14,065	13,930
CENTRAL ARIZONA	165	5-	103,094	1.8-	105,015	3.69	20,694	21,362
RIO GRANDE VALLEY	116	17-	45,197	11.4-	51,005	3.69	15,026	13,156
REGIONAL AVERAGE OR TOTAL	2,104	67-	359,280	5.6-	380,652	3.74	3.71	
PACIFIC								
PUGET SOUND--INLAND <sup>3/</sup>	1,450	36-	227,163	1.7	223,462	3.77	5,054	4,851
OREGON--WASHINGTON	956	13	141,787	1.4	139,863	3.85	4,784	4,784
REGIONAL AVERAGE OR TOTAL	2,406	23-	368,950	1.5	363,325	3.80	3.80	
45-MARKET AVERAGE <sup>4/</sup>	120,445	873-	7,849,897	1.5-	7,968,197	3.82	2,102	2,119
ALL-MARKET AVERAGE OR TOTAL	120,445	873-	7,849,897	1.5-	7,968,197	3.82	2,102	2,119

<sup>1/</sup> The data for Eastern South Dakota and Black Hills have been combined in order to mask restricted data.

<sup>2/</sup> The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which were restricted.

<sup>3/</sup> The data for 1983 are the summation of the data for the two merged markets. See "Major Order Actions" on page 47.

<sup>4/</sup> Based on markets where orders were effective entire period, 1983-84, and which had no significant marketing area changes; includes all markets.

TABLE 4--PRODUCER DELIVERIES OF MILK USED IN CLASS I, CLASS I UTILIZATION, AND GROSS CLASS I USE BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, JANUARY, WITH COMPARISONS

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I				CLASS I UTILIZATION				GROSS CLASS I USE			
	JAN 1984		JAN 1983		JAN 1984		JAN 1983		JAN 1984		JAN 1983	
	1,000 POUNDS		1,000 POUNDS		PERCENT		PERCENT		1,000 POUNDS		PERCENT	
NORTH ATLANTIC												
NEW ENGLAND	237,089	240,429	1.4-	50.6	51.6	240,737	.6-					
NEW YORK-NEW JERSEY	389,689	383,444	1.6	39.9	40.2	389,689	1.6					
MIDDLE ATLANTIC	256,824	246,702	4.1	50.1	46.8	269,195	2.9					
REGIONAL AVERAGE OR TOTAL	883,602	870,575	1.5	45.1	44.7							
SOUTH ATLANTIC												
GEORGIA	125,023	131,765	5.1-	80.1	71.1	129,766	1.7-					
ALABAMA-WEST FLORIDA	75,309	72,698	3.6	82.9	84.9	80,602	2.4					
UPPER FLORIDA	35,010	55,685	37.1-	89.2	87.2	37,749	37.2-					
TAMPA BAY	94,207	68,270	38.0	81.2	84.6	100,130	38.8					
SOUTHEASTERN FLORIDA	62,295	63,286	1.6-	87.7	88.3	65,705	1.8-					
REGIONAL AVERAGE OR TOTAL	391,844	391,704		82.8	80.4							
EAST NORTH CENTRAL												
MICHIGAN UPPER PENINSULA	1,853	1,970	5.9-	51.7	51.4	1,972	4.2-					
SOUTHERN MICHIGAN	184,666	165,687	11.5	45.8	41.3	184,686	11.4					
EAST. OHIO-WEST. PENNSYLVANIA	170,910	171,672	.4-	54.4	56.8	170,926	.6-					
OHIO VALLEY	153,348	142,700	7.5	56.2	53.7	156,412	7.4					
INDIANA	98,488	99,921	1.4-	67.6	65.5	103,339	2.9					
CHICAGO REGIONAL	242,481	249,121	2.7-	22.1	22.8	242,778	2.6-					
CENTRAL ILLINOIS	7,365	6,924	6.4	65.5	61.4	8,414	19.3					
SOUTHERN ILLINOIS	47,883	47,270	1.3	73.1	66.5	49,645	3.3					
LOUISVILLE-LEXINGTON-EVANSVILLE	55,062	65,632	16.1-	65.4	61.5	55,884	16.3-					
REGIONAL AVERAGE OR TOTAL	962,056	950,897	1.2	40.1	39.5							
WEST NORTH CENTRAL												
UPPER MIDWEST	123,954	122,228	1.4	14.6	14.2	123,954	1.4					
EAST. SOUTH DAKOTA-BLACK HILLS 1/	12,095	13,651	11.4-	41.2	37.7	12,194	13.8-					
IOWA	67,164	63,556	5.7	32.2	31.1	67,224	5.6					
NEBRASKA-WESTERN IOWA	51,325	46,521	10.3	45.4	39.1	51,928	10.7					
GREATER KANSAS CITY	38,665	39,561	2.3-	52.4	49.2	39,194	2.7-					
ST. LOUIS-OZARKS	97,472	92,406	5.5	57.6	51.8	104,139	5.7					
REGIONAL AVERAGE OR TOTAL	390,675	377,923	3.4	27.0	25.6							

CONTINUED

See footnotes at end of table.

TABLE 4--PRODUCER DELIVERIES OF MILK USED IN CLASS 1, CLASS 1 UTILIZATION, AND GROSS CLASS 1 USE BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, JANUARY, WITH COMPARISONS--CONTINUED

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS 1			CLASS 1 UTILIZATION			GROSS CLASS 1 USE		
	CHANGE			JAN			CHANGE		
	JAN 1984	JAN 1983	FROM JAN 1983	JAN 1984	JAN 1983	JAN 1984	JAN 1984	JAN 1983	FROM JAN 1983
	1,000 POUNDS			PERCENT			1,000 POUNDS		
				-PERCENT-			PERCENT		
EAST SOUTH CENTRAL									
TENNESSEE VALLEY	80,942	73,211	10.6	74.6	63.3	80,970	10.0		
NASHVILLE	18,361	25,824	28.9	73.8	54.4	19,087	26.1		
PADUCAH	9,208	7,198	27.9	85.6	79.4	9,376	30.0		
MEMPHIS	17,284	15,322	12.8	60.5	69.6	18,657	9.4		
REGIONAL AVERAGE OR TOTAL	125,795	121,555	3.5	72.9	62.6				
WEST SOUTH CENTRAL									
CENTRAL ARKANSAS--FT. SMITH <sup>2/</sup>	35,845	34,849	2.9	86.5	85.3	36,319	4.0		
SOUTHWEST PLAINS	71,732	74,524	3.7	54.8	60.6	71,816	6.0		
TEXAS PANHANDLE	6,602	7,196	8.3	82.4	84.8	8,602	9.2		
LUBBOCK--PLAINVIEW	5,393	5,553	2.9	90.2	89.6	5,393	2.9		
TEXAS	253,659	246,848	2.8	70.1	64.6	253,805	2.8		
GREATER LOUISIANA	37,195	38,869	4.3	84.9	81.9	37,726	5.4		
NEW ORLEANS--MISSISSIPPI	62,373	62,940	.9	76.3	64.3	62,965	.4		
REGIONAL AVERAGE OR TOTAL	472,799	470,779	.4	70.2	66.7				
MOUNTAIN									
EASTERN COLORADO	55,850	54,873	1.8	75.5	70.6	56,035	1.8		
WESTERN COLORADO	7,165	6,933	3.3	69.2	69.3	7,210	3.6		
SOUTH-WESTERN IDAHO--EASTERN OREGON	9,188	8,689	5.7	21.9	18.2	9,188	5.7		
GREAT BASIN	44,797	40,990	9.3	63.0	53.5	44,824	9.2		
LAKE MEAD	10,179	9,107	11.8	74.6	71.9	10,252	12.1		
CENTRAL ARIZONA	59,964	56,983	5.2	58.2	54.3	60,035	3.4		
RIO GRANDE VALLEY	31,914	31,098	2.6	70.6	61.0	32,156	2.7		
REGIONAL AVERAGE OR TOTAL	219,057	208,673	5.0	61.0	54.8				
PACIFIC									
PUGET SOUND--INLAND <sup>3/</sup>	79,118	76,285	3.7	34.8	34.1	82,708	3.5		
OREGON--WASHINGTON	69,655	67,897	2.6	49.1	48.5	74,218	2.1		
REGIONAL AVERAGE OR TOTAL	148,773	144,182	3.2	40.3	39.7				
45-MARKET AVERAGE OR TOTAL <sup>4/</sup>	3,594,601	3,536,288	1.6	45.8	44.4				
ALL-MARKET AVERAGE OR TOTAL	3,594,601	3,536,288	1.6	45.8	44.4				

1/ The data for Eastern South Dakota and Black Hills have been combined in order to mask restricted data.

2/ The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which were restricted.

3/ The data for 1983 are the summation of the data for the two merged markets. See "Major Order Actions" on page 47.

4/ Based on markets where orders were effective entire period, 1983-84, and which had no significant marketing area changes; includes all markets.

TABLE 5--PRODUCER DELIVERIES OF MILK USED IN CLASS II AND CLASS II UTILIZATION FOR HANDLERS REGULATED UNDER FEDERAL ORDERS BY MARKETING AREA, JANUARY AND YEAR TO DATE 1/

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS II			CLASS II UTILIZATION			PRODUCER DELIVERIES USED IN CLASS II			CLASS II UTILIZATION		
	JAN.	JAN.	JAN.	JAN.	JAN.	JAN.	YEAR TO	YEAR TO	YEAR TO	YEAR TO	YEAR TO	YEAR TO
	1984	1983	1984	1983	1984	1983	DATE 1984	DATE 1983	DATE 1983	DATE 1983	1984	1983
	1,000 POUNDS			PERCENT			1,000 POUNDS			PERCENT		
SOUTH ATLANTIC												
GEORGIA	13,471	13,263	8.6	7.2			13,471	13,263		8.6	7.2	
ALABAMA--WEST FLORIDA	7,621	3,658	8.4	4.3			7,621	3,658		8.4	4.3	
EAST NORTH CENTRAL												
SOUTHERN MICHIGAN	22,287	21,223	5.5	5.3			22,287	21,223		5.5	5.3	
EAST. OHIO--WEST. PENNSYLVANIA	17,850	20,603	5.7	6.8			17,850	20,603		5.7	6.8	
OHIO VALLEY	31,182	27,097	11.4	10.2			31,182	27,097		11.4	10.2	
INDIANA	19,974	17,572	13.7	11.5			19,974	17,572		13.7	11.5	
CHICAGO REGIONAL	88,557	74,712	8.1	6.8			88,557	74,712		8.1	6.8	
CENTRAL ILLINOIS	304	294	2.7	2.6			304	294		2.7	2.6	
SOUTHERN ILLINOIS	6,630	6,548	10.1	9.2			6,630	6,548		10.1	9.2	
LOUISVILLE--LEXINGTON--EVANSVILLE	5,860	9,137	7.0	8.6			5,860	9,137		7.0	8.6	
WEST NORTH CENTRAL												
UPPER MIDWEST	23,943	25,452	2.8	3.0			23,943	25,452		2.8	3.0	
EAST. SOUTH DAKOTA	1,326	2,049	4.5	5.7			1,326	2,049		4.5	5.7	
IOWA	7,976	8,279	3.8	4.1			7,976	8,279		3.8	4.1	
NEBRASKA--WESTERN IOWA	9,022	9,484	8.0	8.0			9,022	9,484		8.0	8.0	
GREATER KANSAS CITY	13,428	13,604	18.2	16.9			13,428	13,604		18.2	16.9	
ST. LOUIS--OZARKS	25,997	28,253	15.4	15.8			25,997	28,253		15.4	15.8	
EAST SOUTH CENTRAL												
TENNESSEE VALLEY	8,087	8,017	7.5	6.9			8,087	8,017		7.5	6.9	
NASHVILLE	2,091	3,605	8.4	7.6			2,091	3,605		8.4	7.6	
PADUCAH	651	434	6.1	4.8			651	434		6.1	4.8	
MEMPHIS	2,432	2,652	8.5	12.1			2,432	2,652		8.5	12.1	

CONTINUED

See footnotes at end of table.

TABLE 5--PRODUCER DELIVERIES OF MILK USED IN CLASS II AND CLASS II UTILIZATION FOR HANDLERS REGULATED UNDER FEDERAL ORDERS BY MARKETING AREA, JANUARY AND YEAR TO DATE 1/---CONTINUED

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS II			CLASS II UTILIZATION			PRODUCER DELIVERIES USED IN CLASS II			CLASS II UTILIZATION		
	JAN. : 1984 : 1983			JAN. : 1984 : 1983			JAN. : 1984 : 1983			JAN. : 1984 : 1983		
	1,000 POUNDS			PERCENT			1,000 POUNDS			PERCENT		
WEST SOUTH CENTRAL												
CENTRAL ARKANSAS--FT. SMITH 2/	1,864	1,512	4.5	3.7			1,864	1,512	4.5			
SOUTHWEST PLAINS	13,160	13,791	10.1	11.2			13,160	13,791	10.1			
TEXAS PANHANDLE	995	896	12.4	10.6			995	896	12.4			
LUBBOCK--PLAINVIEW	304	218	5.1	3.5			304	218	5.1			
TEXAS	41,988	45,893	11.6	12.0			41,988	45,893	11.6			
GREATER LOUISIANA	2,247	1,847	5.1	3.9			2,247	1,847	5.1			
NEW ORLEANS--MISSISSIPPI	4,951	11,947	6.1	12.2			4,951	11,947	6.1			
MOUNTAIN												
EASTERN COLORADO	11,873	12,003	16.0	15.4			11,873	12,003	16.0			
WESTERN COLORADO	414	272	4.0	2.7			414	272	4.0			
SOUTHWESTERN IDAHO--EASTERN OREGON	1,955	1,798	4.7	3.8			1,955	1,798	4.7			
GREAT BASIN	6,182	6,587	8.7	8.6			6,182	6,587	8.7			
CENTRAL ARIZONA	10,408	10,108	10.1	9.6			10,408	10,108	10.1			
RIO GRANDE VALLEY	7,814	6,346	17.3	12.4			7,814	6,346	17.3			
PACIFIC												
PUGET SOUND--INLAND 3/	17,637	17,483	7.8	7.8			17,637	17,483	7.8			
COREGON--WASHINGTON	15,655	15,774	11.0	11.3			15,655	15,774	11.0			

1/ Excludes Southeastern Florida; Class III only applies to the skim milk portion of all milk disposed of for fertilizer or livestock feed or dumped. Also excludes Lake Mead for which the data were restricted. Otherwise, all orders which have three classes of utilization are shown.

2/ The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which were restricted.

3/ The data for 1983 are the summation of the data for the two merged markets. See "Major Order Actions" on page 47.

TABLE 6 --WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, DECEMBER 1983 WITH COMPARISONS 1/

MARKETING AREA	WHOLE MILK ITEMS 2/				LOWFAT AND SKIM MILK ITEMS 3/				TOTAL FLUID MILK ITEMS			
	DECEMBER 1983		CHANGE 1983 FROM 1982		DECEMBER 1983		CHANGE 1983 FROM 1982		DECEMBER 1983		CHANGE 1983 FROM 1982	
	SALES	BUTTER-FAT CONTENT	DEC	YEAR TO DATE	SALES	BUTTER-FAT CONTENT	DEC	YEAR TO DATE	SALES	BUTTER-FAT CONTENT	DEC	YEAR TO DATE
	MIL. LB.		PERCENT		MIL. LB.		PERCENT		MIL. LB.		PERCENT	
NEW ENGLAND	169.3	3.36	- 2.4	- 2.9	69.0	1.07	3.1	3.2	238.4	2.70	- .9	- 1.2
NEW ENGLAND	169.3	3.36	- 2.4	- 2.9	69.0	1.07	3.1	3.2	238.4	2.70	- .9	- 1.2
MIDDLE ATLANTIC	155.8	3.29	- 1.8	- 1.6	85.7	1.47	6.4	4.1	241.4	2.65	.9	.3
MIDDLE ATLANTIC	155.8	3.29	- 1.8	- 1.6	85.7	1.47	6.4	4.1	241.4	2.65	.9	.3
SOUTH ATLANTIC	181.9	3.30	2.0	1.8	92.0	1.19	5.0	4.2	273.9	2.59	3.0	2.6
TAMPA BAY	36.7	3.28	2.0	2.0	20.8	1.11	10.0	5.9	57.5	2.50	4.8	3.4
SOUTHEASTERN FLORIDA	47.9	3.32	2.3	.8	20.7	1.28	- .6	.8	68.7	2.71	1.5	.8
UPPER FLORIDA	39.5	3.27	- 2.1	2.2	19.4	1.14	2.5	7.1	58.9	2.57	- .6	3.8
GEORGIA	57.7	3.30	4.5	2.2	31.1	1.23	7.4	3.5	88.8	2.58	5.5	2.6
EAST NORTH CENTRAL	436.3	3.26	- 2.6	- 5.2	535.5	1.71	4.6	2.9	971.8	2.41	1.3	- .9
EASTERN GROUP												
SOUTHERN MICHIGAN	94.4	3.25	- .2	- 4.0	74.3	1.26	7.1	2.2	168.7	2.37	2.9	- 1.4
E. OHIO - W. PA.	91.7	3.26	- 5.2	- 5.2	79.0	1.79	4.9	5.0	170.6	2.58	- .8	- .8
OHIO VALLEY	71.0	3.26	- 1.5	- 5.0	88.0	1.78	- .6	- .2	158.9	2.44	- 1.0	- 2.4
WESTERN GROUP												
MICH. UPPER PENINSULA	2.7	3.33	- 2.5	- 4.7	5.5	1.79	- .6	- .9	8.1	2.29	- 1.2	- 2.2
CHICAGO REGIONAL	92.2	3.28	- 1.3	- 6.3	149.9	1.74	3.3	4.0	242.1	2.33	1.5	- .2
LOUIS. - ILL. - EVANS	24.3	3.27	- .5	- 3.8	31.5	1.79	3.5	1.9	55.8	2.44	1.7	- .7
INDIANA	36.9	3.28	- 5.0	- 5.9	68.0	1.81	9.7	4.2	104.9	2.32	4.1	.3
SOUTHERN ILLINOIS	16.3	3.27	- 6.8	- 6.5	26.2	1.82	7.7	1.4	42.5	2.37	1.6	- 1.9
CENTRAL ILLINOIS	6.9	3.26	- 11.0	- 6.2	13.1	1.84	16.0	5.4	20.1	2.33	5.0	.9
WEST NORTH CENTRAL	102.7	3.28	- 2.8	- 4.8	232.9	1.61	6.1	2.0	335.5	2.12	3.2	- .2
NORTHERN GROUP												
UPPER MIDWEST	22.9	3.27	- 1.6	- 5.1	96.7	1.52	3.1	.6	119.6	1.86	2.2	- .6
EASTERN SOUTH DAKOTA	2.1	3.27	- 2.4	- 7.6	7.0	1.73	- 1.2	- 4.4	9.1	2.09	- 1.5	- 5.2
BLACK HILLS	1.1	3.32	- 15.4	- 5.3	1.8	1.79	- 7.2	- 3.7	2.8	2.38	- 10.5	- 4.3
IOWA	15.3	3.31	- 8.4	- 7.7	44.0	1.71	7.6	3.4	59.4	2.13	2.9	.2
NEBRASKA - WESTERN IOWA	15.6	3.30	- 4.6	- 6.3	27.0	1.70	2.7	4.3	42.6	2.28	- .1	.1

CONTINUED

TABLE 6--WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, DECEMBER 1983 WITH COMPARISONS 1/--CONTINUED

MARKETING AREA	WHOLE MILK ITEMS 2/					LOWFAT AND SKIM MILK ITEMS 3/					TOTAL FLUID MILK ITEMS				
	DECEMBER 1983		CHANGE FROM 1982		PERCENT	DECEMBER 1983		CHANGE FROM 1982		PERCENT	DECEMBER 1983		CHANGE FROM 1982		PERCENT
	SALES	BUTTER-FAT CONTENT	OEC	YEAR TO DATE		SALES	BUTTER-FAT CONTENT	OEC	YEAR TO DATE		SALES	BUTTER-FAT CONTENT	DEC 1983	YEAR TO DATE	
	MIL. LB.			DATE		MIL. LB.			DATE		MIL. LB.			DATE	
WEST NORTH CENTRAL--CON.															
SOUTHERN GROUP															
ST. LOUIS - OZARKS	25.4	3.26	-	.8	-	.7	32.3	1.66	5.9	2.9	57.7	2.36	2.8	1.3	
GREATER KANSAS CITY	20.3	3.28	.1	5.5		24.1	1.60	.4	2.1	.4	44.4	2.37	.3	1.4	
EAST SOUTH CENTRAL															
PAUCAH	68.1	3.31	1.2	.2		52.6	1.53	7.1	3.2	7.1	120.7	2.53	3.7	1.3	
NASHVILLE	5.1	3.23	15.0	6.9		3.4	1.60	21.3	14.0	14.0	8.4	2.58	17.4	9.6	
MEMPHIS	18.3	3.31	2.6	-	.9	12.7	1.48	6.9	4.1	4.1	31.0	2.56	4.3	1.1	
TENNESSEE VALLEY	13.4	3.39	-	2.9	4.0	6.7	1.41	8.7	9.3	9.3	20.2	2.73	.7	5.8	
	31.3	3.29	.3	2.4		29.8	1.57	5.5	.5	.5	61.1	2.45	2.8	1.0	
WEST SOUTH CENTRAL															
	342.7	3.38	2.2	-	.2	128.7	1.40	4.7	4.2	4.2	471.4	2.84	2.9	1.0	
NORTHERN GROUP															
CENTRAL ARKANSAS	13.8	3.34	2.5	-	2.1	7.7	1.50	23.2	3.1	3.1	21.5	2.68	9.1	-	.3
FORT SMITH	1.4	3.42	-	26.9	-	5.5	.8	1.61	-	16.3	-	2.2	2.75	-	4.6
SOUTHWEST PLAINS	50.9	3.28	-	2.6	-	.5	27.2	1.54	-	2.6	.1	84.1	2.72	-	.3
TEXAS PANHANDLE	5.4	3.37	-	20.8	-	15.7	1.4	1.59	-	21.3	-	6.7	3.01	-	14.8
LU88OCK - PLAINVIEW	4.8	3.35	-	6.1	-	.7	1.5	1.43	-	5.2	-	6.3	2.89	-	.8
SOUTHERN GROUP															
GREATER LOUISIANA	35.8	3.55	7.6	-	1.3	11.4	1.48	12.0	5.0	5.0	47.2	3.05	8.7	.2	
NEW ORLEANS - MISS.	46.0	3.52	1.6	-	.1	17.0	1.31	10.5	5.3	5.3	63.0	2.93	3.8	1.3	
TEXAS	178.7	3.34	4.5	.9		61.7	1.33	4.7	6.5	6.5	240.4	2.83	4.6	2.3	
MOUNTAIN															
	107.4	3.37	-	1.7	-	2.4	108.3	1.75	3.9	4.3	215.7	2.55	1.0	.9	
EASTERN COLORADO	24.9	3.26	-	1.3	-	1.3	26.9	1.72	-	2.9	-	51.8	2.46	-	2.1
GREAT BASIN	14.2	3.27	-	4.8	-	3.6	27.8	1.87	6.2	6.0	41.9	2.34	2.2	-	.2
WESTERN COLORADO	2.5	3.18	-	2	-	10.9	2.4	1.60	5.2	-	4.9	2.40	2.4	-	7.8
CENTRAL ARIZONA	28.6	3.50	-	3.2	-	3.7	30.5	1.70	11.5	8.7	59.1	2.57	3.9	2.2	
RIO GRANDE VALLEY	26.0	3.37	1.1	-	1.0	7.4	1.54	-	4.5	.5	33.5	2.96	-	.2	-
LAKE MEAD	7.4	3.45	-	.9	-	1.3	5.5	1.81	1.2	3.4	12.9	2.75	.0	.7	
SW. IDAHO - E. OREGON	3.9	3.32	-	3.6	-	.8	7.7	1.81	3.2	3.6	11.6	2.32	.8	2.1	
PACIFIC															
	49.3	3.35	-	.4	-	1.8	94.2	1.81	2.0	2.3	143.5	2.34	1.2	.9	
PUGET SOUND	21.3	3.35	.1	-	2.3	36.7	1.83	3.5	1.8	1.8	58.0	2.39	2.2	.3	
INLAND EMPIRE	4.0	3.32	3.8	1.5		9.8	1.80	3.2	2.9	2.9	13.9	2.24	3.4	2.5	
OREGON - WASHINGTON	23.9	3.35	-	1.5	-	1.9	47.7	1.80	.6	2.5	71.6	2.32	-	.1	1.0
COMBINED AREAS (44) 4/	1,613.5	3.32	-	.7	-	2.3	1,398.8	1.59	4.4	3.1	3,012.4	2.51	1.6	.1	
COMBINED AREAS ADJ. FOR	1,582.2	---	-	1.3	-	2.2	1,377.2	---	4.0	3.1	2,959.7	---	1.0	.2	
CALENDAR COMPOSITION 5/	---	---	---	---	---	---	---	---	---	---	392.2	---	1.6	.3	
NEW YORK - NEW JERSEY 6/	---	---	---	---	---	---	---	---	---	---	---	---	---	---	

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside of the marketing areas; therefore, some handlers' in-area sales are partially estimated.

2/ Plain and flavored whole milk.

3/ Plain, fortified, and flavored skim and lowfat milk, and buttermilk.

4/ Figures adjusted to eliminate variations due to calendar composition. See special article in FMOS-285, September 1983 Summary.

5/ Estimated.

TABLE 7--WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, 1983 ANNUAL TOTAL, WITH COMPARISONS 1/

Marketing area	Whole milk items 2/						Lowfat and skim milk items 3/						Total fluid milk items					
	1983			1982			1983			1982			1983			1982		
	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.
NEW ENGLAND New England	1,917	3.30	1,974	3.29	798	1.06	773	1.02	2,715	2.64	2,747	2.65	2,715	2.64	2,747	2.65		
	1,917	3.30	1,974	3.29	798	1.06	773	1.02	2,715	2.64	2,747	2.65	2,715	2.64	2,747	2.65		
MIDDLE ATLANTIC 4/ New York-New Jersey 5/ Middle Atlantic	1,783	3.28	5,295	3.37	962	1.43	1,941	1.39	2,745	2.63	7,237	2.80	2,745	2.63	2,736	2.64		
	1,599	3.40	3,483	3.41	483	1.25	1,018	1.25	2,082	2.89	4,501	2.88	2,082	2.89	4,501	2.88		
	1,783	3.28	1,812	3.28	962	1.43	923	1.39	2,745	2.63	2,736	2.64	2,745	2.63	2,736	2.64		
SOUTH ATLANTIC Tampa Bay Southeastern Florida Upper Florida Georgia Alabama-West Florida 6/	2,672	3.29	2,451	3.28	1,364	1.19	1,209	1.17	4,034	2.58	3,660	2.58	4,034	2.58	3,660	2.58		
	408	3.27	400	3.27	230	1.09	217	1.07	638	2.48	617	2.50	638	2.48	617	2.50		
	535	3.32	530	3.32	238	1.31	236	1.30	772	2.70	766	2.70	772	2.70	766	2.70		
EAST NORTH CENTRAL Southern Michigan Eastern Ohio-Western Pa. Ohio Valley Michigan Upper Peninsula Chicago Regional Louisville-Lex.-Evans Indiana Southern Illinois Central Illinois	4,995	3.25	5,268	3.26	5,972	1.69	5,802	1.67	10,966	2.40	11,070	2.43	10,966	2.40	11,070	2.43		
	1,070	3.24	1,114	3.26	829	1.22	812	1.18	1,899	2.36	1,926	2.38	1,899	2.36	1,926	2.38		
	1,063	3.24	1,121	3.25	876	1.75	834	1.77	1,939	2.57	1,955	2.62	1,939	2.57	1,955	2.62		
WEST NORTH CENTRAL Upper Midwest Eastern South Dakota Black Hills Iowa Nebraska-Western Iowa St. Louis-Ozarks Greater Kansas City	809	3.26	852	3.25	1,000	1.78	1,003	1.74	1,810	2.44	1,855	2.43	1,810	2.44	1,855	2.43		
	30	3.36	32	3.36	61	1.79	62	1.79	92	2.31	94	2.32	92	2.31	94	2.32		
	1,050	3.29	1,121	3.28	1,671	1.73	1,606	1.71	2,721	2.33	2,727	2.36	2,721	2.33	2,727	2.36		
	278	3.27	289	3.27	358	1.78	351	1.76	637	2.43	641	2.44	637	2.43	641	2.44		
	429	3.25	456	3.27	747	1.78	717	1.78	1,176	2.32	1,173	2.36	1,176	2.32	1,173	2.36		
	187	3.24	200	3.23	288	1.80	284	1.78	475	2.37	484	2.38	475	2.37	484	2.38		
	78	3.19	83	3.23	140	1.81	133	1.78	218	2.30	216	2.34	218	2.30	216	2.34		
	1,152	3.26	1,210	3.27	2,606	1.60	2,560	1.59	3,757	2.11	3,769	2.13	3,757	2.11	3,769	2.13		
	258	3.27	272	3.27	1,082	1.51	1,075	1.50	1,340	1.85	1,348	1.86	1,340	1.85	1,348	1.86		
	23	3.26	25	3.27	77	1.74	81	1.70	100	2.09	106	2.07	100	2.09	106	2.07		
	12	3.28	13	3.27	19	1.78	20	1.77	31	2.37	33	2.37	31	2.37	33	2.37		
	176	3.29	191	3.30	482	1.71	467	1.70	659	2.13	657	2.16	659	2.13	657	2.16		
	175	3.27	187	3.28	306	1.64	293	1.64	481	2.23	480	2.28	481	2.23	480	2.28		
	285	3.24	287	3.25	360	1.63	350	1.61	645	2.34	637	2.35	645	2.34	637	2.35		
	222	3.26	235	3.27	279	1.57	273	1.58	501	2.32	508	2.36	501	2.32	508	2.36		

Continued

TABLE 7--WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, 1983 ANNUAL TOTAL, WITH COMPARISONS 1/ -CONTINUED

Marketing area	Whole milk items 2/						Lowfat and skim milk items 3/						Total fluid milk items					
	1983			1982			1983			1982			1983			1982		
	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.
	Butter- : fat : content :	Butter- : fat : content :	Butter- : fat : content :	Butter- : fat : content :	Butter- : fat : content :	Butter- : fat : content :	Butter- : fat : content :	Butter- : fat : content :	Butter- : fat : content :	Butter- : fat : content :	Butter- : fat : content :	Butter- : fat : content :	Butter- : fat : content :	Butter- : fat : content :	Butter- : fat : content :	Butter- : fat : content :	Butter- : fat : content :	Butter- : fat : content :
	Sales : : : :	Sales : : : :	Sales : : : :	Sales : : : :	Sales : : : :	Sales : : : :	Sales : : : :	Sales : : : :	Sales : : : :	Sales : : : :	Sales : : : :	Sales : : : :	Sales : : : :	Sales : : : :	Sales : : : :	Sales : : : :	Sales : : : :	Sales : : : :
	774	3.29	776	3.27	610	1.50	592	1.49	1,385	2.50	1,368	2.50	1,385	2.50	1,368	2.50	1,385	2.50
EAST SOUTH CENTRAL	56	3.23	52	3.21	37	1.61	32	1.57	93	2.58	85	2.59	93	2.58	85	2.59	93	2.58
Taducan	205	3.30	207	3.27	147	1.45	141	1.45	352	2.53	348	2.53	352	2.53	348	2.53	352	2.53
Nashville	149	3.35	143	3.30	78	1.40	71	1.37	227	2.68	214	2.66	227	2.68	214	2.66	227	2.68
Memphis	364	3.28	374	3.27	349	1.53	347	1.52	713	2.42	721	2.43	713	2.42	721	2.43	713	2.42
Tennessee Valley	3,935	3.36	3,858	3.36	1,522	1.39	1,412	1.36	5,457	2.81	5,270	2.82	5,457	2.81	5,270	2.82	5,457	2.81
WEST SOUTH CENTRAL	158	3.31	162	3.29	92	1.53	89	1.53	250	2.66	251	2.67	250	2.66	251	2.67	250	2.66
Central Arkansas	14	3.30	15	3.23	9	1.55	9	1.46	23	2.64	24	2.58	23	2.64	24	2.58	23	2.64
Fort Smith	654	3.28	572	3.30	315	1.52	266	1.50	969	2.71	838	2.72	969	2.71	838	2.72	969	2.71
S.W. Plains 7/	64	3.36	75	3.36	17	1.51	20	1.45	81	2.96	95	2.96	81	2.96	95	2.96	81	2.96
Texas Panhandle	57	3.35	58	3.38	19	1.38	19	1.44	76	2.86	77	2.89	76	2.86	77	2.89	76	2.86
Lubbock-Plainview	429	3.53	434	3.53	142	1.49	135	1.50	570	3.02	569	3.04	570	3.02	569	3.04	570	3.02
Greater Louisiana	528	3.52	529	3.51	194	1.29	184	1.28	722	2.92	713	2.94	722	2.92	713	2.94	722	2.92
New Orleans-Mississippi	2,030	3.22	2,013	3.32	735	1.31	690	1.26	2,765	2.79	2,073	2.79	2,765	2.79	2,073	2.79	2,765	2.79
Texas	1,248	3.36	1,278	3.37	1,258	1.73	1,206	1.73	2,506	2.54	2,484	2.57	2,506	2.54	2,484	2.57	2,506	2.54
MOUNTAIN	283	3.28	287	3.29	324	1.71	321	1.72	607	2.44	608	2.46	607	2.44	608	2.46	607	2.44
Eastern Colorado	168	3.22	174	3.25	319	1.83	301	1.85	487	2.31	476	2.36	487	2.31	476	2.36	487	2.31
Great Basin	28	3.21	31	3.26	27	1.64	28	1.62	55	2.44	59	2.48	55	2.44	59	2.48	55	2.44
Western Colorado	334	3.51	346	3.51	341	1.67	313	1.65	674	2.58	660	2.63	674	2.58	660	2.63	674	2.58
Central Arizona	301	3.35	304	3.35	93	1.52	92	1.52	394	2.92	397	2.92	394	2.92	397	2.92	394	2.92
Rio Grande Valley	89	3.42	90	3.43	67	1.82	64	1.84	155	2.73	154	2.77	155	2.73	154	2.77	155	2.73
Lake Mead	46	3.28	46	3.30	88	1.81	85	1.84	133	2.31	131	2.35	133	2.31	131	2.35	133	2.31
S.W. Idaho-E. Oregon	561	3.33	571	3.32	1,083	1.79	1,059	1.78	1,644	2.31	1,630	2.32	1,644	2.31	1,630	2.32	1,644	2.31
PACIFIC	242	3.32	248	3.32	422	1.82	415	1.81	664	2.37	662	2.38	664	2.37	662	2.38	664	2.37
Puget Sound	46	3.29	45	3.28	113	1.75	110	1.75	159	2.20	155	2.19	159	2.20	155	2.19	159	2.20
Inland Empire	273	3.34	278	3.34	548	1.77	535	1.77	821	2.29	813	2.31	821	2.29	813	2.31	821	2.29
Oregon-Washington	19,036	3.30	22,681	3.32	16,173	1.57	16,554	1.54	35,210	2.50	39,235	2.55	35,210	2.50	39,235	2.55	35,210	2.50
All-market total 4/																		

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated. 2/ Plain and flavored whole milk. 3/ Plain, fortified and flavored skim and lowfat milk, and buttermilk. 4/ Data for 1983 exclude New York-New Jersey. 5/ Data for 1983 represent January-June. 6/ Data for 1982 represent May through December. 7/ Data for 1982 represent the summation of the data for the Oklahoma Metropolitan, Red River Valley, Neosho Valley, and Wichita markets.

FOOTNOTES FOR TABLE 2.

- 1/ Prices are for milk of 3.5 percent butterfat content and for the major city in the marketing area. All averages are weighted.
- 2/ For those markets which have base-excess plans (see table 14) the prices represent a weighted average of the base and excess prices.
- 3/ Zone 1 (Boston). Prices at 201-210 mile zone: Class I and blend are 72 cents less. Class I price at Hartford is 10 cents less.
- 4/ New York metropolitan area. Price at 201-210 mile zone: Class I and blend, 59 cents less, Class II, 8 cents less.
- 5/ Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent direct delivery differential applicable to milk delivered to Philadelphia.
- 6/ See table 14 for deduction for advertising and promotion.
- 7/ Atlanta.
- 8/ Zone 2 (Birmingham).
- 9/ Jacksonville and Tallahassee.
- 10/ Miami.
- 11/ Applies to the skim milk portion of all milk which is either disposed of for fertilizer or livestock feed or dumped.
- 12/ Zone 2 (Marquette).
- 13/ Individual handler pool. Blend prices are weighted averages of all handlers.
- 14/ Zone 1 (Detroit). Price excludes direct delivery differential of 10 cents applicable to milk delivered to Detroit.
- 15/ Zone 1 (Erie, Pa.). Class I and blend price for zone 3 (Cleveland) plus 8 cents, for zone 4 (Pittsburgh) plus 10 cents.
- 16/ Ten cents for advertising and promotion has been deducted from the blend price.
- 17/ Central zone (Cincinnati and Columbus).
- 18/ Indianapolis.
- 19/ Zone 1 (Chicago). Class I and blend price at Milwaukee (Zone 4) 9 cents less.
- 20/ Peoria.
- 21/ Base zone (Alton). Class I and blend price at Carbondale (Southeastern zone) 7 cents more.
- 22/ Zone 1 (Minneapolis).
- 23/ Sioux Falls.
- 24/ Zone 1 (Des Moines). Class I prices at other points in the marketing area: Rock Island, Ill., minus 7 cents; Waterloo, minus 16 cents.
- 25/ Zone 1 (Omaha).
- 26/ Kansas City and Topeka.
- 27/ Zone 1 (St. Louis and Springfield).
- 28/ Bristol, Chattanooga, and Knoxville.
- 29/ Little Rock.
- 30/ Zone 1 (Oklahoma City).
- 31/ Amarillo.
- 32/ Zone 1 (Dallas). Class I price at Houston plus 36 cents.
- 33/ Monroe and Shreveport.
- 34/ Zone 1 (New Orleans).
- 35/ Denver.
- 36/ Grand Junction.
- 37/ Boise, Idaho.
- 38/ Salt Lake City, Utah.
- 39/ Las Vegas, Nev.
- 40/ Phoenix.
- 41/ Albuquerque, Santa Fe, and El Paso.
- 42/ Zone 1 (Seattle). Prices for 1983 are weighted averages of the prices for the two merged orders. See "Major Order Actions" on page 47.
- 43/ Portland.
- 44/ Based on markets where orders were effective entire period, 1983-84, and which had no significant marketing area changes. Excludes Black Hills and Fort Smith; fewer than three handlers. Black Hills prices: Class I 1984, \$14.51 and 1983, \$14.51; Blend 1984, \$13.34 and 1983, \$13.50; Class II 1984, \$12.05. Producer differential 1984, 16.1¢, Class I differential, 1984, 17.2¢, and Class II differential, 1984, 15.4¢. Fort Smith prices: Class I 1984, \$14.51 and 1983, \$14.51; Blend 1984, \$14.29 and 1983, \$14.29; Class II 1984, \$12.16; Class III 1984, \$12.05. Producer differential 1984, 16.2¢.
- 45/ A weighted average price for milk in excess of Class I needs calculated as follows: (producer deliveries used in Class II times the Class II price) plus (producer deliveries used in Class III times the Class III price) divided by (total producer deliveries in excess of Class I needs) would be \$12.08.

TABLE 8--PACKAGED SALES OF INDIVIDUAL WHOLE MILK PRODUCTS AND LOWFAT AND SKIM MILK PRODUCTS IN SELECTED MARKETING AREAS  
DEFINED BY FEDERAL MILK ORDERS, JANUARY 1983 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JANUARY				FEBRUARY				MARCH			
	SALES	BF. CON- TENT	CHANGE 1983 FROM 1982		SALES	BF. CON- TENT	CHANGE 1983 FROM 1982		SALES	BF. CON- TENT	CHANGE 1983 FROM 1982	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
MIL. LB.	PERCENT	MIL. LB.	PERCENT	MIL. LB.	PERCENT	MIL. LB.	PERCENT					
FLUID WHOLE MILK PRODUCTS *	1,590	3.30 - 4.0 - 4.0	1,448	3.30 - 3.7 - 3.8	1,605	3.30 - 2.8 - 3.5						
WHOLE MILK	1,548	3.30 - 4.1 - 4.1	1,411	3.30 - 3.3 - 3.7	1,562	3.30 - 2.6 - 3.3						
FLAVORED WHOLE MILK PRODUCTS	42	3.28 1.1 1.1	38	3.32 - 17.6 - 8.7	44	3.26 - 7.4 - 8.2						
FLUID LOWFAT AND SKIM MILK PRODUCTS *	1,366	1.56 2.1 2.1	1,260	1.56 2.1 2.1	1,396	1.55 1.2 1.8						
2% LOWFAT MILK - PLAIN	735	1.98 4.9 4.9	669	1.98 4.3 4.6	744	1.98 3.5 4.2						
2% LOWFAT MILK - MILK SOLIDS ADDED	111	1.98 - 7.6 - 7.6	108	1.98 2.2 - 3.0	120	1.97 1.3 - 1.5						
1% LOWFAT MILK - PLAIN	174	.90 3.7 3.7	161	.90 3.9 3.8	177	.91 4.1 3.9						
1% LOWFAT MILK - MILK SOLIDS ADDED	51	.97 - 16.1 - 16.1	47	.94 - 18.8 - 17.4	49	.96 - 15.2 - 16.7						
SKIM MILK - PLAIN	98	.26 - 3.0 - 3.0	95	.26 - 1.1 - 2.1	105	.26 - 3.4 - 2.6						
SKIM MILK - MILK SOLIDS ADDED	36	.34 - 11.6 - 11.6	30	.33 - 11.4 - 11.5	39	.34 - 2.5 - 8.4						
FLAVORED LOWFAT AND SKIM MILK PRODS BUTTERMILK	108	1.44 11.8 11.8	99	1.44 3.2 7.5	107	1.43 - 5.1 2.9						
	53	1.05 5.2 5.2	50	1.05 4.9 5.1	56	1.04 5.3 5.1						
TOTAL FLUID MILK PRODUCTS	2,956	2.50 - 1.3 - 1.3	2,708	2.49 - 1.1 - 1.2	3,002	2.49 - .9 - 1.1						
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 2/	3,003	2.50 - 1.1 - 1.1	2,708	2.49 - 1.0 - 1.1	2,989	2.49 - .3 - .8						
PRODUCT NAME	APRIL				MAY				JUNE			
FLUID WHOLE MILK PRODUCTS *	1,530	3.30 - 3.4 - 3.4	1,491	3.30 - 2.1 - 3.2	1,446	3.29 - 2.8 - 3.1						
WHOLE MILK	1,488	3.30 - 3.4 - 3.3	1,448	3.30 - 2.0 - 3.1	1,413	3.29 - 2.8 - 3.0						
FLAVORED WHOLE MILK PRODUCTS	42	3.27 - 1.9 - 6.7	42	3.25 - 3.6 - 6.1	33	3.31 - 2.9 - 5.7						
FLUID LOWFAT AND SKIM MILK PRODUCTS *	1,353	1.56 2.9 2.1	1,306	1.55 3.9 2.4	1,171	1.55 2.0 2.4						
2% LOWFAT MILK - PLAIN	734	1.98 6.8 4.9	700	1.98 8.1 5.5	651	1.98 7.6 5.8						
2% LOWFAT MILK - MILK SOLIDS ADDED	102	1.97 - 11.8 - 4.1	106	1.99 - 10.2 - 5.4	96	1.99 - 17.3 - 7.4						
1% LOWFAT MILK - PLAIN	166	.91 - 1.8 2.4	162	.90 2.9 2.5	159	.91 4.2 2.8						
1% LOWFAT MILK - MILK SOLIDS ADDED	51	1.04 - 2.8 - 13.5	50	.97 - 1.1 - 11.3	46	.96 - 15.4 - 11.9						
SKIM MILK - PLAIN	101	.25 - .5 - 2.0	98	.25 - .6 - 1.8	93	.25 1.3 - 1.3						
SKIM MILK - MILK SOLIDS ADDED	39	.33 1.4 5.9	34	.32 - 5.4 - 5.8	31	.29 - 1.7 - 5.2						
FLAVORED LOWFAT AND SKIM MILK PRODS BUTTERMILK	105	1.44 7.5 4.0	103	1.42 4.8 4.1	42	1.51 - 6.7 3.2						
	55	1.04 5.1 5.1	54	1.02 5.2 5.1	54	1.00 4.7 5.1						
TOTAL FLUID MILK PRODUCTS	2,883	2.48 - .5 - .9	2,797	2.48 .6 - .6	2,616	2.51 - .8 - .6						
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 2/	2,842	2.48 - .4 - .7	2,887	2.48 .5 - .5	2,616	2.51 - .4 - .5						

CONTINUED

TABLE 8--PACKAGED SALES OF INDIVIDUAL WHOLE MILK PRODUCTS AND LOWFAT AND SKIM MILK PRODUCTS IN SELECTED MARKETING AREAS  
DEFINED BY FEDERAL MILK ORDERS, JANUARY 1983 TO DATE, WITH COMPARISONS 1/--CONTINUED

PRODUCT NAME	JULY				AUGUST				SEPTEMBER			
	SALES	BF. CON- TENT	CHANGE 1983 FROM 1982		SALES	BF. CON- TENT	CHANGE 1983 FROM 1982		SALES	BF. CON- TENT	CHANGE 1983 FROM 1982	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
	MIL.-LB.		PERCENT		MIL.-LB.		PERCENT		MIL.-LB.		PERCENT	
FLUID WHOLE MILK PRODUCTS *	1,475	3.30	- 5.2 -	3.4	1,568	3.29	1.5 -	2.8	1,585	3.29	.9 -	2.4
WHOLE MILK	1,442	3.29	- 5.3 -	3.4	1,528	3.29	1.3 -	2.8	1,534	3.29	.6 -	2.4
FLAVORED WHOLE MILK PRODUCTS	33	3.34	.6 -	4.9	40	3.32	11.8 -	3.1	51	3.30	12.2 -	1.2
FLUID LOWFAT AND SKIM MILK PRODUCTS *	1,176	1.56	- .4	2.0	1,274	1.57	7.1	2.6	1,392	1.57	5.4	2.9
2% LOWFAT MILK - PLAIN	656	1.98	3.7	5.5	700	1.98	10.4	6.1	749	1.99	7.8	6.3
2% LOWFAT MILK - MILK SOLIDS ADDED	103	1.58	- 13.5 -	8.3	118	1.98	- 1.0 -	7.3	117	1.99	.1 -	6.5
1% LOWFAT MILK - PLAIN	150	.91	- 7.4	1.3	160	.91	- .9	1.1	163	.93	.2	1.0
1% LOWFAT MILK - MILK SOLIDS ADDED	47	.96	- 11.4 -	11.9	53	1.02	.7 -	10.3	51	.97	- 6.5 -	9.9
SKIM MILK - PLAIN	94	.27	- .4 -	1.2	98	.27	10.6	.2	101	.26	4.6	.7
SKIM MILK - MILK SOLIDS ADDED	33	.33	7.9 -	3.6	34	.33	3.0 -	2.9	36	.32	12.3 -	1.3
FLAVORED LOWFAT AND SKIM MILK PRODS BUTTERMILK	37	1.53	11.0	3.7	55	1.51	11.8	4.3	119	1.41	7.3	4.8
	55	1.01	1.1	4.5	56	1.02	10.1	5.2	54	1.00	6.8	5.3
TOTAL FLUID MILK PRODUCTS	2,651	2.52	- 3.1 -	1.0	2,842	2.52	4.0 -	.4	2,977	2.49	3.0	.0
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 2/	2,694	2.52	- .2 -	.4	2,809	2.52	1.2 -	.2	2,932	2.49	1.6	0
PRODUCT NAME	OCTOBER				NOVEMBER				DECEMBER			
	SALES	BF. CON- TENT	CHANGE 1983 FROM 1982		SALES	BF. CON- TENT	CHANGE 1983 FROM 1982		SALES	BF. CON- TENT	CHANGE 1983 FROM 1982	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
FLUID WHOLE MILK PRODUCTS *	1,559	3.31	- 2.2 -	2.4	1,539	3.30	- 3.3 -	2.4	1,614	3.32	- .7 -	2.3
WHOLE MILK	1,509	3.31	- 2.5 -	2.4	1,490	3.30	- 3.7 -	2.5	1,569	3.32	- 1.0 -	2.4
FLAVORED WHOLE MILK PRODUCTS	50	3.31	8.6 -	.1	49	3.32	12.9	1.1	45	3.34	10.1	1.8
FLUID LOWFAT AND SKIM MILK PRODUCTS *	1,408	1.58	4.0	3.1	1,374	1.58	2.3	3.0	1,399	1.59	4.4	3.1
2% LOWFAT MILK - PLAIN	768	1.99	8.3	6.5	751	1.99	2.8	6.2	796	1.99	9.2	6.4
2% LOWFAT MILK - MILK SOLIDS ADDED	116	1.99	- 5.4 -	6.4	113	2.00	10.4 -	5.0	111	1.99	- .6 -	4.7
1% LOWFAT MILK - PLAIN	162	.92	- 2.9	.6	163	.94	- 4.0	.1	163	.89	- 7.3 -	.5
1% LOWFAT MILK - MILK SOLIDS ADDED	50	.96	- 12.3 -	10.2	46	.99	- 6.5 -	9.9	49	.98	- 1.1 -	9.2
SKIM MILK - PLAIN	103	.26	2.2	.8	101	.26	4.4	1.1	101	.26	5.1	1.5
SKIM MILK - MILK SOLIDS ADDED	34	.34	6.1 -	.6	32	.33	- 1.2 -	.7	34	.33	6.1 -	.2
FLAVORED LOWFAT AND SKIM MILK PRODS BUTTERMILK	121	1.45	6.1	5.0	112	1.45	3.8	4.8	88	1.48	3.8	4.7
	56	1.02	5.1	5.3	55	1.00	1.7	5.0	57	1.00	2.0	4.7
TOTAL FLUID MILK PRODUCTS	2,967	2.49	.7	.1	2,913	2.49	- .7	.0	3,012	2.51	1.6	.1
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 2/	3,021	2.49	.8	.1	2,904	2.49	.6	.1	2,960	2.51	1.0	.2

\* May include small amounts of miscellaneous whole milk, and lowfat and skim milk products.

1/ See table 8 for 44 markets included. Excludes the New York-New Jersey and Alabama-West Florida.

2/ Figures are adjusted to eliminate variations due to calendar composition. See special article in FMOS-285, September 1983 Summary.

TABLE 9--PACKAGED SALES OF WHOLE MILK ITEMS, LOWFAT AND SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM ITEMS, AND TOTAL FLUID ITEMS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, DECEMBER 1983, WITH COMPARISONS 1/

REGION 2/	WHOLE MILK ITEMS 3/			LOWFAT AND SKIM MILK ITEMS 4/			MILK AND CREAM MIXTURES			CREAM ITEMS 5/			TOTAL FLUID ITEMS 6/		
	SALES	BF. CON- TENT	CHANGE 1983 FROM 1982	SALES	BF. CON- TENT	CHANGE 1983 FROM 1982	SALES	BF. CON- TENT	CHANGE 1983 FROM 1982	SALES	BF. CON- TENT	CHANGE 1983 FROM 1982	SALES	BF. CON- TENT	CHANGE 1983 FROM 1982
	MIL.LB.	PERCENT		MIL.LB.	PERCENT		MIL.LB.	PERCENT		MIL.LB.	PERCENT		MIL.LB.	PERCENT	
NEW ENGLAND	169	3.37 -	1.4	70	1.08	3.4	5.0	12.7	20.8	6.2	23.1	20.2	258	3.51	.6
MIDDLE ATLANTIC	164	3.29 -	1.6	92	1.47	6.1	2.0	11.1	1.9	2.7	22.1	15.7	267	3.01	1.1
SOUTH ATLANTIC	204	3.29	.1	108	1.34	6.1	3.2	10.5 -	3.1	3.0	21.1	76.5	323	2.93	1.9
EAST NORTH CENTRAL	443	3.26 -	2.5	536	1.71	4.5	9.2	10.6 -	1.3	17.0	17.7	11.2	1,029	2.79	1.5
WEST NORTH CENTRAL	134	3.28	.6	268	1.62	4.4	5.1	11.4	3.8	7.8	22.1	3.8	422	2.72	3.3
EAST SOUTH CENTRAL	70	3.32 -	2.4	51	1.51	5.7	0.5	11.1	20.3	1.2	20.4	11.7	125	2.85	1.1
WEST SOUTH CENTRAL	343	3.38	.3	125	1.40	2.6	3.0	11.0	6.5	5.5	22.4	1.2	487	3.22	1.1
MOUNTAIN	107	3.35	.6	108	1.74	4.7	3.4	11.0	20.5	5.4	24.3	21.2	233	3.33	3.8
PACIFIC	52	3.34	.6	95	1.80	3.2	2.5	10.8	4.2	3.4	25.0	11.3	158	3.09	3.0
TOTAL OF REGIONS	1,685	3.31 -	.9	1,452	1.59	4.5	33.9	11.1	5.6	52.2	21.2	13.5	3,302	2.99	1.8

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers.

2/ See table 8 for markets included in each region. Middle Atlantic excludes New York-New Jersey, South Atlantic excludes Alabama West Florida. These markets also are excluded from the total.

3/ Plain and flavored whole milk.

4/ Plain, fortified, and flavored skim and lowfat milk, and buttermilk.

5/ Light, heavy, and sour cream, and cream dips.

6/ Includes yogurt and eggnog.

7/ Percentage changes over the previous year are based on the same number of comparable markets.

TABLE 10--PACKAGED SALES OF MILK AND CREAM MIXTURES, CREAM PRODUCTS, YOGURT, AND EGGNOG BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, JANUARY 1983 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JANUARY				FEBRUARY				MARCH			
	SALES	BF. CON- TENT	CHANGE 1983 FROM 1982 2/ YEAR TO DATE		SALES	BF. CON- TENT	CHANGE 1983 FROM 1982 2/ YEAR TO DATE		SALES	BF. CON- TENT	CHANGE 1983 FROM 1982 2/ YEAR TO DATE	
			MONTH	DATE			MONTH	DATE			MONTH	DATE
	1,000 LB.		PERCENT		1,000 LB.		PERCENT		1,000 LB.		PERCENT	
MILK AND CREAM MIXTURES	28,365	10.9	6.5	6.5	26,400	10.9	1.8	4.2	30,713	10.9	4.6	4.3
TOTAL CREAM PRODUCTS	27,496	20.6	10.0	10.0	28,739	20.8	6.9	8.4	33,951	20.9	7.6	8.1
LIGHT CREAM	3,862	17.5	15.3	15.3	3,819	17.9	14.9	15.1	4,324	17.4	2.3	10.2
HEAVY CREAM	5,207	34.6	13.4	13.4	5,652	34.0	7.3	10.1	7,168	34.2	13.4	11.4
SOUR CREAM	18,427	17.2	8.0	8.0	19,268	17.5	5.3	6.6	22,459	17.4	6.9	6.7
YOGURT	24,091	1.8	---	---	27,263	1.9	---	---	31,784	1.9	---	---
EGGNOG	900	3.3	---	---	107	8.8	---	---	712	8.0	---	---
PRODUCT NAME	APRIL				MAY				JUNE			
	SALES	BF. CON- TENT	CHANGE 1983 FROM 1982 2/ YEAR TO DATE		SALES	BF. CON- TENT	CHANGE 1983 FROM 1982 2/ YEAR TO DATE		SALES	BF. CON- TENT	CHANGE 1983 FROM 1982 2/ YEAR TO DATE	
			MONTH	DATE			MONTH	DATE			MONTH	DATE
MILK AND CREAM MIXTURES	29,195	10.9	.6	3.4	29,800	10.9	6.6	4.0	29,464	10.9	1.0	3.5
TOTAL CREAM PRODUCTS	31,960	21.1	.9	6.1	34,578	21.1	9.1	6.7	35,595	21.1	4.0	6.2
LIGHT CREAM	4,135	17.8	8.4	9.7	4,165	17.9	9.2	9.6	4,230	17.6	.3	7.9
HEAVY CREAM	7,116	33.7	1.7	8.5	7,655	34.1	12.5	9.4	8,431	33.9	14.9	10.5
SOUR CREAM	20,708	17.4	.8	4.7	22,758	17.2	7.9	5.4	22,934	17.1	1.1	4.6
YOGURT	29,635	1.9	---	---	32,861	1.9	---	---	30,419	1.9	---	---
EGGNOG	127	11.4	---	---	40	7.4	---	---	277	3.3	---	---

CONTINUED

TABLE 10--PACKAGED SALES OF MILK AND CREAM MIXTURES, CREAM PRODUCTS, YOGURT, AND EGGNOG BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, JANUARY 1983 TO DATE, WITH COMPARISONS 1/--CONTINUED

PRODUCT NAME	JULY				AUGUST				SEPTEMBER				
	SALES	BF. CON- TENT	CHANGE 1983 FROM 1982 2/ YEAR TO DATE		SALES	BF. CON- TENT	CHANGE 1983 FROM 1982 2/ YEAR TO DATE		SALES	BF. CON- TENT	CHANGE 1983 FROM 1982 2/ YEAR TO DATE		
			MONTH	DATE			MONTH	DATE			MONTH	DATE	
	1,000 LB.		PERCENT		1,000 LB.		PERCENT		1,000 LB.		PERCENT		
MILK AND CREAM MIXTURES	28,862	10.8	- 4.4	2.3	29,854	10.8	2.4	2.3	28,380	10.8	4.3	2.5	
TOTAL CREAM PRODUCTS	35,310	21.1	3.8	5.8	36,623	21.0	9.4	6.3	33,867	20.9	12.0	6.9	
LIGHT CREAM	4,054	18.8	- 3.4	6.1	4,603	19.0	3.2	5.7	4,283	18.4	.3	5.1	
HEAVY CREAM	8,083	33.8	9.7	10.4	7,858	33.5	21.0	11.7	7,149	33.5	26.7	13.2	
SOUR CREAM	23,173	17.1	3.1	4.4	24,162	17.3	7.2	4.8	22,434	17.3	10.3	5.4	
YOGURT	25,709	1.9	---	---	28,796	1.8	---	---	27,743	1.7	---	---	
EGGNOG	33	8.2	---	---	106	13.8	---	---	103	10.0	---	---	
PRODUCT NAME	OCTOBER				NOVEMBER				DECEMBER				
MILK AND CREAM MIXTURES	29,603	10.8	5.0	2.8	31,149	10.9	1.3	2.6	33,865	11.1	5.6	2.9	
TOTAL CREAM PRODUCTS	33,970	20.7	8.9	7.1	44,297	21.8	14.2	7.9	52,243	21.2	13.5	8.6	
LIGHT CREAM	4,569	17.7	6.7	5.2	5,067	18.3	15.7	6.3	5,194	18.1	16.7	7.2	
HEAVY CREAM	6,889	33.8	19.5	13.8	11,555	33.9	15.3	14.0	11,943	34.2	13.3	13.9	
SOUR CREAM	22,511	17.3	6.4	5.5	27,676	17.4	13.5	6.3	35,106	17.2	13.1	7.1	
YOGURT	26,765	1.7	---	---	20,699	1.8	---	---	18,656	1.8	---	---	
EGGNOG	740	8.6	---	---	22,109	7.6	---	---	60,152	7.6	---	---	

1/ Total packaged disposition in and out of the marketing area by regulated handlers. Excludes the New York-New Jersey and Alabama-West Florida markets.

2/ Percentage changes over the previous year are based on the same number of comparable markets. Figures are not shown for yogurt and eggnog due to recent changes in marketing practices which have made the figures noncomparable.

TABLE 11--MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, DECEMBER 1982 1/

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	COTTAGE CHEESE	SKIM MILK POWDER	CONDENSED MILK 3/	CLASS 11/111 MILK SOLIDS USED TO FORTIFY CLASS 1	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
<u>MILK, SKIM MILK, AND CREAM</u> <u>1,000 POUNDS</u>									
NEW ENGLAND AND MIDDLE ATLANTIC	11,233	150,765	49,104	30,689	138,339	41,651	1,924	29,649	453,553
SOUTH ATLANTIC	2,331	24,465	16,557	5,404	80	51	3,514	11,300	63,702
EAST NORTH CENTRAL	46,216	874,135	52,577	86,508	233,127	107,589	5,684	78,684	1,484,519
WEST NORTH CENTRAL	35,578	736,381	21,185	36,035	278,714	13,820	1,772	39,330	1,162,814
EAST SOUTH CENTRAL	2,866	39,350	5,971	4,753	19,538	1,300	1,847	7,526	83,152
WEST SOUTH CENTRAL	8,393	87,809	23,561	18,713	49,196	14,582	5,342	20,592	228,187
MOUNTAIN	4,429	85,584	12,369	20,522	39,517	148	2,983	8,129	173,681
PACIFIC	14,741	24,386	8,534	14,701	96,517	4,358	493	3,848	167,579
TOTAL OF REGIONS 5/	125,787	2,022,874	189,859	217,326	855,027	183,498	23,559	199,058	3,816,988
<u>BUTTERFAT</u> <u>1,000 POUNDS</u>									
NEW ENGLAND AND MIDDLE ATLANTIC	5,000	6,189	6,260	561	96	779	0	1,550	20,435
SOUTH ATLANTIC	671	947	2,228	112	0	0	0	491	4,449
EAST NORTH CENTRAL	18,693	34,050	6,437	1,234	227	916	0	3,275	64,831
WEST NORTH CENTRAL	15,435	27,876	2,490	491	169	196	3	1,747	48,407
EAST SOUTH CENTRAL	1,346	1,563	847	47	23	1	0	373	4,200
WEST SOUTH CENTRAL	4,566	3,191	2,734	273	31	349	0	864	12,008
MOUNTAIN	1,776	3,360	1,182	167	22	17	0	367	6,891
PACIFIC	5,168	988	954	140	51	131	0	171	7,603
TOTAL OF REGIONS 5/	52,654	78,164	23,133	3,026	620	2,388	3	8,837	168,824

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

2/ See table 8 for markets included in each region. Middle Atlantic excludes New York-New Jersey, South Atlantic excludes Alabama-West Florida. These markets also are excluded from the total.

3/ Includes condensed skim milk and condensed whole milk.

4/ Other factory products include evaporated whole milk; milk, skim milk, and cream used in food products; whole milk powder; and aerated, frozen and plastic cream. Other uses include milk, skim milk, and cream used for animal feed; unidentified products; dumped or spilled; and plant loss.

5/ Totals may not add due to rounding.

TABLE 12--MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, DECEMBER 1983 <sup>1/</sup>

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	COTTAGE CHEESE	SKIM MILK POWDER	CONDENSED MILK 3/	CLASS 11/111 MILK SOLIDS USED TO FORTIFY CLASS 1	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
MILK, SKIM MILK, AND CREAM 1,000 POUNDS									
NEW ENGLAND AND MIDDLE ATLANTIC	11,290	146,293	32,760	43,428	120,347	60,164	1,917	33,851	450,050
SOUTH ATLANTIC	1,826	18,703	16,768	8,437	0	54	3,882	11,041	60,710
EAST NORTH CENTRAL	53,307	893,766	51,437	83,122	229,507	100,177	5,347	79,390	1,496,054
WEST NORTH CENTRAL	37,074	755,443	18,987	33,975	264,410	13,505	2,135	31,908	1,157,437
EAST SOUTH CENTRAL	3,013	34,020	5,897	4,939	11,315	2,713	2,030	7,041	70,969
WEST SOUTH CENTRAL	4,984	100,762	22,530	15,559	27,972	19,510	4,094	20,535	215,948
MOUNTAIN	5,358	81,744	13,079	19,720	37,592	1,301	2,990	11,273	173,056
PACIFIC	14,628	73,633	7,852	14,242	102,298	5,377	488	3,665	222,183
TOTAL OF REGIONS 5/	131,481	2,104,364	169,310	223,424	793,442	202,802	22,883	198,703	3,846,407
BUTTERFAI 1,000 POUNDS									
NEW ENGLAND AND MIDDLE ATLANTIC	5,078	6,096	6,011	1,133	77	1,115	0	1,397	20,907
SOUTH ATLANTIC	654	861	2,213	192	0	0	0	503	4,423
EAST NORTH CENTRAL	21,699	35,975	6,252	1,128	199	768	0	3,512	69,533
WEST NORTH CENTRAL	15,727	29,225	2,328	464	131	273	0	1,530	49,678
EAST SOUTH CENTRAL	1,183	1,378	881	48	3	0	0	314	3,809
WEST SOUTH CENTRAL	2,665	3,761	2,802	236	62	529	0	910	10,906
MOUNTAIN	2,478	3,229	1,244	164	29	89	0	459	7,692
PACIFIC	5,280	2,951	838	139	53	202	0	199	9,662
TOTAL OF REGIONS 5/	54,764	83,477	22,569	3,504	554	2,976	1	8,825	176,670

<sup>1/</sup> Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

<sup>2/</sup> See table 8 for markets included in each region. Middle Atlantic excludes New York-New Jersey, South Atlantic excludes Alabama-West Florida. These markets also are excluded from the total.

<sup>3/</sup> Includes condensed skim milk and condensed whole milk.

<sup>4/</sup> Other factory products include evaporated whole milk; milk, skim milk, and cream used in food products; whole milk powder; and aerated, frozen and plastic cream. Other uses include milk, skim milk, and cream used for animal feed; unidentified products; dumped or spilled; and plant loss.

<sup>5/</sup> Totals may not add due to rounding.

TABLE 13--PERCENTAGE OF WHOLE MILK EQUIVALENT USED IN THE PRODUCTION OF MANUFACTURED DAIRY PRODUCTS, IN FEDERAL ORDER MARKETS, JANUARY 1983, TO DATE, WITH COMPARISONS 1/

[illegible][illegible]

1/ Data represent whole milk equivalent based on milkfat content. Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some of the data are partially estimated. Excludes New York-New Jersey and Alabama-West Florida.

2/ Milk, skim milk and cream used in other manufactured products, i.e. evaporated milk, condensed milk, whole and nonfat dry milk, aerated, frozen and plastic cream; and cream and cheese dips, and milk, skim milk, and cream used in food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

TABLE 14--FEDERAL MILK ORDER BASE AND EXCESS PRICES IN VARIOUS MARKETING AREAS, JANUARY, WITH COMPARISONS 1/

FEDERAL MILK ORDER MARKETING AREA	PRICES PER HUNDREDWEIGHT			
	BASE		EXCESS	
	JAN	JAN	JAN	JAN
	1984	1983	1984	1983
	DOLLARS			
MIDDLE ATLANTIC 2/	13.80	13.96	11.96	12.53
SOUTHERN MICHIGAN	13.16	13.37	12.05	12.62
OREGON-WASHINGTON	13.37	13.64	12.05	12.62

1/ See footnotes on page 22 for location at which price is reported.

2/ Fourteen cents has been deducted for advertising and promotion.

TABLE 15--FACTORS USED IN THE COMPUTATION OF TENTATIVE CLASS II PRICES IN FEDERAL MILK ORDER MARKETS, JANUARY 1984 TO DATE 1/

Month	Applicable	Weighted	Basic	Class II			Tentative Class II		
	Minnesota- Wisconsin price 2/	change in gross values 3/	Class II formula price	Differential			price 4/		
				Group A	Group B	Group C	Group A	Group B	Group C
	Dollars per 100 pounds								
1984									
January	12.56	- .51	12.05	.11	.16	.26	12.16	12.21	12.31
February	12.11	0	12.11	.06	.11	.21	12.17	12.22	12.32
March	12.05	- .07	11.98	.06	.11	.21	12.04	12.09	12.19
April									
May									
June									
July									
August									
September									
October									
November									
December									

1/ This pricing provision is currently in effect in 39 marketing areas. Three separate differentials and tentative prices are computed. For ease of presentation, the 39 marketing areas have been grouped as follows: Group A: Central Arizona, Central Arkansas, Central Illinois, Chicago Regional, Eastern Colorado, Eastern Ohio-Western Pennsylvania, Eastern South Dakota, Fort Smith, Georgia, Great Basin, Greater Kansas City, Greater Louisiana, Indiana, Iowa, Louisville-Lexington-Evansville, Lubbock-Plainview, Memphis, Nashville, Nebraska-Western Iowa, New Orleans-Mississippi, Ohio Valley, Paducah, Rio Grande Valley, St. Louis-Ozarks, Southern Illinois, Southwest Plains, Southwestern Idaho-Eastern Oregon, Tennessee Valley, Texas, Texas Panhandle, Upper Midwest, and Western Colorado. Group B: Lake Mead, Southeastern Florida, Southern Michigan, Tampa Bay, and Upper Florida. Group C: Oregon-Washington and Puget Sound-Inland.

2/ Price at 3.5 percent butterfat content for the second preceding month.

3/ Total weighted change in gross values of milk used to produce Cheddar cheese and butter/nonfat dry milk.

4/ As announced on the 15th of the preceding month. The final (effective) Class II price is announced on the 5th of the following month. See table 2 for the (effective) Class II price.

TABLE 16--DAIRY PRODUCT WHOLESALE PRICES AND SELECTED DAIRY FARMER PRICE MEASURES, JANUARY 1984 TO DATE, WITH COMPARISONS

Dairy product wholesale prices											
		BUTTER 1/	CHEDDAR CHEESE 1/	NONFAT DRY		MILK 2/		DRIED WHEY			
		Chicago	Wisconsin assembling			Chicago area		Central States			
		Grade A	points	Blocks	Spray Process	Nonhygroscopic					
		Barrel	Barrel	Blocks	Spray Process	Nonhygroscopic					
		1983	1984	1983	1984	1983	1984	1983	1984	1983	1984
Dollars per pound											
Jan.	1.4044	1.4725	1.2962	1.3475	1.3579	1.3933	.9116	.9419	.1416	.1249	
Feb.		1.4725		1.3396		1.3838		.9393		.1149	
Mar.		1.4725		1.4725		1.3795		.9387		.1125	
Apr.		1.4725		1.3351		1.3764		.9396		.1137	
May		1.4725		1.3327		1.3738		.9382		.1134	
June		1.4731		1.3375		1.3738		.9379		.1125	
July		1.4725		1.3338		1.3700		.9375		.1106	
Aug.		1.4775		1.3332		1.3705		.9359		.1126	
Sept.		1.5102		1.3483		1.3917		.9417		.1236	
Oct.		1.4759		1.3511		1.4065		.9404		.1369	
Nov.		1.4725		1.3492		1.4070		.9405		.1438	
Dec.		1.4313		1.3120		1.3672		.9293		.1438	
AV		1.4730		1.3381		1.3828		.9384		.1219	

Month	Dairy farmer price measures: U.S. averages 3/									
	Milk cows		Dairy feed 5/		All hay		Cows		Milk-feed	
	4/		(16% protein)		baled 5/		6/		price ratio 7/	
	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983
	\$ per head		\$ per ton		\$ per ton		\$ per cwt.		Pounds	
Jan.	870	1,050	205	175	80.00	70.50	35.00	37.00	1.33	1.58
Feb.		---		177		73.50		41.40		1.56
Mar.		---		175		70.40		42.70		1.55
Apr.		1,060		182		73.70		42.40		1.48
May		---		184		83.00		41.90		1.45
June		---		184		75.90		41.20		1.43
July		1,060		182		72.00		39.50		1.45
Aug.		---		189		72.20		37.70		1.41
Sept.		---		198		74.20		36.00		1.36
Oct.		960		199		78.50		34.40		1.39
Nov.		---		205		76.40		33.80		1.36
Dec.		---		205		77.90		33.80		1.35
Average		1,030		188		74.82		38.10		1.45

1/ "Dairy Market News." AMS.

1/ Daily Market News, APIS.  
2/ 25th of current month through 26th of preceding month, as reported by Statistical Reporting Service.

3/ "Agricultural Prices," SRS.

3/ Agricultural Prices, 3MS.  
4/ Animals sold for dairy herd replacement only. Prices are published for January, April, July, and October only.

5/ Mid-month price.

5/ Mid-month price.

7/ Pounds of 16% mixed dairy feed equal in value to one pound of milk sold to plants.

TABLE 17--UNITED STATES MILK PRICES, MINNESOTA-WISCONSIN PRICE SERIES, AND BUTTER-POWDER "SNUBBER" PRICES,  
JANUARY 1984 TO DATE, WITH COMPARISONS

Month	U.S. milk prices							
	All milk wholesale 1/				Manufacturing grade milk 1/			
	Parity price 2/	Price at test	Percent of parity 3/		Parity price equivalent	Price at test	Average fat test	Percent of parity price equivalent 4/
	\$ per cwt.		Pct.		\$ per cwt.		Percent	
Jan.	23.10	13.60	58		21.04	12.50	3.84	58.0
Feb.								
Mar.								
Apr.								
May								
June								
July								
Aug.								
Sept.								
Oct.								
Nov.								
Dec.								
Average								

Month	U.S. milk prices, 3.5 percent butterfat basis 5/						Prices paid for manufacturing grade milk, 3.5 percent butterfat content			
	All milk wholesale		Milk eligible for fluid market		Manufacturing grade milk		Minnesota-Wisconsin manufacturing grade milk 6/		Butter-powder "Snubber" 7/	
	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983
	-----Dollars per 100 pounds-----									
Jan.	13.06	13.32	13.26	13.52	11.93	12.39	12.05	12.62	12.89	13.43
Feb.		13.38		13.58		12.34		12.59		13.41
Mar.		13.26		13.48		12.35		12.53		13.40
Apr.		13.18		13.40		12.36		12.51		13.41
May		13.12		13.24		12.29		12.51		13.40
June		13.15		13.25		12.31		12.50		13.40
July		13.24		13.34		12.30		12.50		13.39
Aug.		13.34		13.44		12.24		12.48		13.40
Sept.		13.37		13.57		12.32		12.48		13.58
Oct.		13.39		13.51		12.30		12.52		13.43
Nov.		13.37		13.57		12.42		12.56		13.42
Dec.		13.20		13.32		11.95		12.11		13.15
Average:		13.28		13.44		12.30		12.49		13.40

1/ "Agricultural Prices," SRS. 2/ Parity prices shown are based on data for the current month. 3/ Seasonally adjusted. 4/ Price at test adjusted to a 3.67 percent fat test by using Chicago Grade A butter price times 0.120 as a percentage of parity price equivalent. 5/ Based on prices at test as reported in "Agricultural Prices," SRS; converted to a 3.5 percent test by using Chicago Grade A butter price times 0.120. 6/ Average price reported paid to producers for manufacturing grade milk, f.o.b. plants in Minnesota-Wisconsin as reported by SRS. 3.5 percent price converted by using Chicago Grade A butter price times 0.120. 7/ (Chicago Grade A butter price times 4.2) plus (nonfat dry milk, spray, Chicago area plant price times 8.2) less 48 cents.

TABLE 18--UNITED STATES GENERAL PRICE MEASURES, JANUARY 1984 TO DATE, WITH COMPARISONS

Month	General price measures 1/				
	Index of Prices paid by farmers	Index of prices received by farmers			Parity ratio
	2/	All farm products	Livestock & Products	Dairy Products	3/
	Percent : 1984 : change : from 1983::	Percent : 1984 : change : from 1983::	Percent : 1984 : change : from 1983::	Percent : 1984 : change : from 1983::	Percent : 1984 : change : from 1983::
	Indexes 1977=100				
Jan.	164	3.8	144	12.5	150
Feb.					5.6
Mar.					140
Apr.					- 1.4
May					
June					
July					
Aug.					
Sept.					
Oct.					
Nov.					
Dec.					
Av.					88

Month	General price measures 4/											
	Producer price index				Consumer price index							
	All commodities		Dairy Products		All items		Food		Dairy Products		Meat, Poultry, fish and eggs	
	Percent : 1984 : change : from : 1983	Percent : 1984 : change : from : 1983	Percent : 1984 : change : from : 1983	Percent : 1984 : change : from : 1983	Percent : 1984 : change : from : 1983	Percent : 1984 : change : from : 1983	Percent : 1984 : change : from : 1983	Percent : 1984 : change : from : 1983	Percent : 1984 : change : from : 1983	Percent : 1984 : change : from : 1983	Percent : 1984 : change : from : 1983	
<u>Indexes 1967=100</u>												
Jan.	308.1	2.7	248.5	- 0.9	305.2	4.1	299.4	3.9	250.8	.5	268.9	2.2
Feb.												
Mar.												
Apr.												
May												
June												
July												
Aug.												
Sept.												
Oct.												
Nov.												
Dec.												
Av.												

1/ "Agricultural Prices," SRS.

2/ For commodities and services, interest, taxes, and wage rates.

3/ Ratio of the Index of Prices Received by farmers, all farm products, to the Index of Prices Paid, Interest, Taxes, and Farm Wage Rates.

4/ "Producer Price Index," Bureau of Labor Statistics, (BLS), U.S. Department of Labor, as first reported.

"Consumer Price Index," BLS, consumer price index for all urban consumers (CPI-U), not seasonally adjusted.

TABLE 19--CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS: SELECTED PRODUCTS, UNITED STATES CITY AVERAGE, JANUARY 1984 TO DATE WITH COMPARISONS <sup>1/</sup>

Month	Fresh whole milk		Butter		Cheese		Ice cream and related products		Meat		Poultry	
	Index	:Percent: :change: :from :1983	Index	:Percent: :change: :from :1983	Index	:Percent: :change: :from :1983	Index	:Percent: :change: :from :1983	Index	:Percent: :change: :from :1983	Index	:Percent: :change: :from :1983
	<u>2/</u>		<u>2/</u>		<u>3/</u>		<u>3/</u>		<u>2/</u>		<u>2/</u>	
Jan.	222.7	- 0.4	254.7	0.5	147.0	1.2	154.8	1.5	266.4	- 2.1	217.5	13.7
Feb.												
Mar.												
Apr.												
May												
June												
July												
Aug.												
Sept.												
Oct.												
Nov.												
Dec.												

<sup>1/</sup> "CPI Detailed Report," BLS, U.S. Department of Labor. The Consumer Price Index for All Urban Consumers (CPI-U) covers approximately 80 percent of the total noninstitutional civilian population of the United States and is based on data for 85 urban areas.

<sup>2/</sup> The standard reference base period for these indexes is 1967=100.

<sup>3/</sup> The standard reference base period for these indexes is December 1977=100.

TABLE 20--U.S.D.A. PURCHASES (DELIVERY BASIS), JANUARY 1984 TO DATE, WITH COMPARISONS

Month	Butter <sup>1/</sup>		Cheese <sup>1/</sup>		Nonfat dry milk <sup>1/</sup>		Milk equivalent of net U.S.D.A. purchases <sup>2/</sup>	
	1984	1983	1984	1983	1984	1983	1984	1983
	- - - - -1,000 pounds - - - - -						Million pounds	
Jan.	61,250	66,565	65,084	60,823	76,220	81,752	1,889	1,973
Feb.		59,227		68,364		83,883		1,891
Mar.		46,727		83,197		106,006		1,782
Apr.		53,262		86,868		95,917		1,958
May		55,547		83,499		111,837		1,971
June		40,134		103,304		123,661		1,847
July		23,373		89,091		102,875		1,356
Aug.		16,580		85,343		104,030		1,179
Sept.		4,348		51,933		62,878		583
Oct.		18,069		32,194		62,418		681
Nov.		10,408		47,674		62,028		674
Dec.		18,989		54,969		63,240		920
Year to date	<u>3/</u> 61,250	<u>4/</u> 413,229	<u>5/</u> 65,084	<u>6/</u> 847,259	<u>7/</u> 76,220	<u>8/</u> 1,060,525	<u>9/</u> 1,889	<u>10/</u> 16,817

<sup>1/</sup> "Dairy Price Support Activity Report," ASCS.

<sup>2/</sup> U.S.D.A. purchases (delivery basis) of butter, cheese, and evaporated milk, minus U.S.D.A. domestic sales for unrestricted use of butter and cheese; includes purchases under price support, Section 709, Section 32, and Section 4A programs.

<sup>3/</sup> Includes 9,255 thousand pounds purchased as packaged butter.

<sup>4/</sup> Includes 648 thousand pounds butter equivalent purchased as anhydrous milkfat, and 57,415 thousand pounds purchased as packaged butter.

<sup>5/</sup> Includes 43,882 thousand pounds purchased in 500-pounds barrels, 2,128 thousand pounds process cheese, and 4,178 thousand pounds purchased as mozzarella cheese.

<sup>6/</sup> Includes 525,833 thousand pounds purchased in 500-pounds barrels, 31,418 thousand pounds process cheese, and 35,552 thousand pounds purchased as mozzarella cheese.

<sup>7/</sup> Includes 39,475 thousand pounds purchased as fortified nonfat dry milk, and 1,796 thousand pounds purchased as instantized nonfat dry milk.

<sup>8/</sup> Includes 517,034 thousand pounds purchased as fortified nonfat dry milk, and 13,104 thousand pounds purchased as instantized nonfat dry milk.

<sup>9/</sup> Includes 7 and 41 million pounds (milk equivalent) of evaporated milk and mozzarella cheese, respectively.

<sup>10/</sup> Includes 53 and 351 million pounds (milk equivalent) of evaporated milk and mozzarella cheese, respectively.

TABLE 21--U.S. PRODUCTION, MILK AND SELECTED MANUFACTURED DAIRY PRODUCTS, JANUARY 1984 TO DATE, WITH COMPARISONS

Month	Milk <u>1/</u>		Butter <u>2/</u>		Total Cheese <u>2/</u>		Nonfat Dry Milk <u>2/</u>		Frozen desserts <u>2/</u>	
	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983
	Bil. pounds				Mil. pounds			Mil. gallons		
Jan.	11.5	11.5	126.0	133.9	387.4	374.9	111.9	117.7	74.7	74.5
Feb.		10.7		120.7		352.6		115.7		81.3
Mar.		12.0		126.1		416.9		135.0		107.3
Apr.		12.0		126.5		408.1		137.2		99.5
May		12.6		121.1		429.2		156.8		115.6
June		12.3		109.6		436.0		157.8		133.3
July		12.1		94.7		400.6		145.7		127.2
Aug.		11.7		83.9		380.7		127.5		130.4
Sept.		11.3		84.2		375.1		104.6		111.9
Oct.		11.4		98.3		392.1		104.8		91.2
Nov.		11.0		98.8		387.8		99.3		83.8
Dec.		11.4		108.5		419.5		110.6		78.8
Total <u>3/</u>	11.5	140.0	126.0	1,306.3	387.4	4,773.6	111.9	1,512.6	74.7	1,235.0

1/ "Milk Production," SRS.

2/ "Dairy Products," SRS. Frozen desserts include ice cream, ice milk, and sherbet.

3/ May not add due to rounding.

TABLE 22--COMMERCIAL AND GOVERNMENT STORAGE HOLDINGS, JANUARY 1984 TO DATE WITH COMPARISONS

Month	Storage Holdings <u>1/</u>									
	Butter <u>2/</u>				Total cheese <u>2/</u>				Nonfat dry milk	
	Commer-		Gov't		Commer-		Gov't		Commer-	
	cial	1984	1984	1983	cial	1984	1984	1983	cial	1984
	1984	3/	3/	3/	1984	4/	3/	3/	5/	6/
	Mil. Pounds									
Jan.	36.2	458.1	494.3	485.4	458.9	719.2	1,178.1	1,032.2	66.0	1,281.3
Feb.				522.0				1,088.2		1,225.8
Mar.				529.1				1,117.9		1,224.3
Apr.				555.7				1,132.3		1,235.3
May				576.1				1,138.1		1,303.5
June				589.6				1,162.4		1,309.7
July				588.4				1,194.2		1,340.4
Aug.				581.8				1,231.4		1,394.4
Sept.				552.3				1,248.2		1,349.4
Oct.				523.9				1,234.8		1,337.2
Nov.				506.7				1,214.8		1,309.9
Dec.				499.4				1,204.6		1,320.3

1/ End of month.

2/ "Cold Storage Reports," SRS.

3/ May not add due to rounding.

4/ Data represent natural cheese only and do not include government holdings of processed cheese.

5/ "Dairy Products," SRS.

6/ "Summary of Processed Commodities in Store," Agricultural Stabilization and Conservation Service.

TABLE 23--AVERAGE RETAIL FOOD PRICES FOR SELECTED PRODUCTS, UNITED STATES CITY AVERAGE AND FOUR REGIONS, JANUARY 1984 <sup>1/</sup>

Region and month	Retail prices							
	Fresh milk 2/			Butter 3/	Ice cream 4/	Yogurt 5/	Process cheese 6/	Natural Cheese 7/
	Whole	Skim	Lowfat					
	Dollars							
NORTHEAST								
Jan.	1.101	NA	1.034	1.991	2.406	.546	2.450	3.269
Feb.								
Mar.								
Apr.								
May								
June								
July								
Aug.								
Sept.								
Oct.								
Nov.								
Dec.								
Average								
NORTH CENTRAL								
Jan.	1.084	1.003	1.020	2.024	1.915	.510	2.413	2.985
Feb.								
Mar.								
Apr.								
May								
June								
July								
Aug.								
Sept.								
Oct.								
Nov.								
Dec.								
Average								
SOUTH								
Jan.	1.253	NA	1.250	2.165	2.195	NA	NA	2.936
Feb.								
Mar.								
Apr.								
May								
June								
July								
Aug.								
Sept.								
Oct.								
Nov.								
Dec.								
Average								

Continued

TABLE 23--AVERAGE RETAIL FOOD PRICES FOR SELECTED PRODUCTS, UNITED STATES CITY AVERAGE AND FOUR REGIONS, JANUARY 1984 <sup>1/</sup>

Region and month	Retail prices							
	Fresh milk <sup>2/</sup>			Butter	Ice cream	Yogurt	Process cheese	Natural Cheese
	Whole	Skim	Lowfat					
				3/	4/	5/	6/	7/
	Dollars							
WEST								
Jan.	1.067	.915	1.038	2.076	2.330	.492	NA	3.044
Feb.								
Mar.								
Apr.								
May								
June								
July								
Aug.								
Sept.								
Oct.								
Nov.								
Dec.								
Average								
U.S. Average								
Jan.	1.124	.999	1.067	2.055	2.189	.522	2.485	3.048
Feb.								
Mar.								
Apr.								
May								
June								
July								
Aug.								
Sept.								
Oct.								
Nov.								
Dec.								
Average								

NA-Not available.

<sup>1/</sup> "Consumer Prices: Energy and food," BLS, U.S. Department of Labor. Regions are defined as the four census regions. According to BLS, average prices are best used to measure the price level in a particular month, not to measure price change over time. To measure change over time, the Consumer Price Index and its component indexes for individual items are more appropriate. The average food prices included in this table reflect variations in brand, quality, and size among geographic areas. BLS suggests that users of average food prices should be aware that these differences exist.

<sup>2/</sup> Prices are per 1/2 gallon.

<sup>3/</sup> Prices are per pound for Grade AA, salted, stick butter.

<sup>4/</sup> Prices are per 1/2 gallon for prepackaged, bulk, regular.

<sup>5/</sup> Prices are per 1/2 pint for natural, fruit flavored. <sup>6/</sup> Process, American cheese. <sup>7/</sup> Natural Cheddar cheese.

## HOW FEDERAL MILK ORDER MARKET STATISTICS ARE DEVELOPED AND WHAT THEY MEAN

Federal milk orders were effective in 45 milk marketing areas on January 1, 1984. The statistical data collected under the Federal milk order program are an important segment of the information needed to administer the orders. These data also are compiled and released for the use of persons who are interested in comprehensive information on milk supplies, utilization, and sales, as well as prices established under the various milk orders.

Statistical Bulletin No. 248, "Federal Milk Order Market Statistics, 1947-56" and annual compilations thereafter contain historical data about Federal milk orders. A public release of monthly information is made in a monthly report also entitled "Federal Milk Order Market Statistics."

### What Is a Federal Milk Marketing Order?

A Federal milk marketing order is a regulation issued by the Secretary of Agriculture that places certain requirements on the handling of milk in the area it covers. It is established under the authority of the Agricultural Marketing Agreement Act of 1937, as amended. It requires that handlers of milk for a marketing area pay not less than certain minimum class prices established according to how the milk is utilized. These prices are established under the order after a public hearing at which evidence is received on the supply and demand conditions for milk in the market. A milk order, including the pricing provisions and all other provisions, becomes effective only after approval by dairy farmers. It requires that payments for milk be pooled and paid to individual farmers or cooperative associations of farmers on the basis of a uniform or average price.

### Why Are Figures Collected?

So that a determination can be made as to the amount of milk that handlers use in each price class, they are required to file reports showing their receipts of milk from each source and the quantity used or disposed of in each form. Receipts of milk directly from farms and receipts from other plants are reported separately. All major fluid milk products and manufactured milk products are listed on the report form and handlers are required to specify the volume and butterfat content of milk used in each product. From these reports, data are compiled and totaled for each market.

On the basis of these reports, the market administrator makes preliminary computations of each handler's obligation and calculates the minimum price he must pay producers. The market administrator is the Federal official in each market who, with the assistance of a staff, administers the terms of the Federal orders.

### Are Figures Verified?

Following the receipts of reports from handlers and the computation of this preliminary statement of handlers' obligations, the market administrator sends auditors to handlers' plants, where they examine books and records of plant operations to determine whether milk actually was used as reported and whether required payments were made to producers. Thus, reported data are subject to audit.

Since Federal milk order statistics are developed from complete records of the quantities of milk priced under Federal orders rather than sample data, they provide reliable market information. In using these data, however, it is important to understand the character of fluid milk markets, the scope of data collected and reported under Federal orders, and certain limitations in the use of the data.

#### FEDERAL ORDER TERMS

Marketing Area.--A marketing area is a designated trading area within which the handling of milk is regulated by the Federal order. Generally, the size of the marketing area is determined by the sales territory of competing handlers.

Producer.--A producer is usually any dairy farmer who sells milk to a pool handler. Producers must not be producer-handlers; they must produce milk in compliance with Grade A or similar inspection requirements and their milk must either be received at a pool plant or diverted to a nonpool plant for the account of a pool handler.

Handler.--A handler is a person or business entity, either a milk processor or a milk distributor, who is subject to the provisions of the order. Under most orders, a handler is any milk dealer whose plant is approved by a duly constituted health authority and who disposes of Grade A fluid milk products in the marketing area. Handlers include persons who sell milk to other milk dealers as well as persons who sell milk to consumers and retailers.

Federal orders provide for three general types of handlers. They are:

Operators of pool plants (pool handler).--Operators of plants that meet minimum performance standards included in each order and that are subject in full to the provisions of an order. There are three types of pool plants--distributing plants, supply plants, and cooperative association plants.

Operators of nonpool plants.--Operators of plants from which fluid milk products are disposed of in the marketing area or distributed to pool plants but which do not meet requirements for pooling. There are four types of nonpool plants--other order plants, producer-handler plants, partially regulated distributing plants, and unregulated supply plants.

Cooperative associations.--Cooperatives that operate pool plants qualify as handlers. Also, a cooperative may have pool handler status under most Federal milk marketing orders if it either diverts producer milk or delivers its members' bulk tank milk directly to pool plants.

Classes of Milk.--Classes of milk are defined in each Federal order and in some cases vary from market to market. Therefore, the order itself is the only source of complete information regarding the classification of milk in a given market. (For complete information on orders, see U.S. Code of Federal Regulations, Title 7, Parts 1000 to 1199.)

Most orders provide for three classes. In general, if milk is disposed of by a handler as whole milk, lowfat milk, or skim milk, it is classified as Class I milk. If milk is disposed of as fluid cream or in soft manufactured products such as cottage cheese and frozen desserts, it is Class II; if disposed of in hard manufactured products such as cheese, butter, and milk products in dry form, it is Class III.

#### WHAT IS INCLUDED IN RECEIPTS, SALES, AND PRICES

Receipts.--Federal milk order statistics include volumes of milk received by handlers regulated under each of the Federal orders. The volume of milk, reported as received by handlers from producers, includes all such milk regardless of where it may be sold. Milk identified as that received from producers for a given market may come directly from nearby producers or from producers associated with a supply plant which, although located several hundred miles from the marketing area, is pooled in the market.

Class I producer milk is the milk delivered by producers for which handlers were required to pay the minimum Class I price established by the orders. Total (or gross) Class I milk includes any milk from sources other than producers that is assigned to Class I.

Sales.--In Federal milk order market statistics, an important distinction is made between sales of fluid milk products in a marketing area and dispositions of fluid milk and cream by handlers regulated in a market. The latter are total dispositions by handlers fully regulated under an order. Dispositions both inside and outside the defined marketing area of that order are included. Besides receipts from producers, these dispositions also may include receipts from other Federal order plants and/or receipts from other sources.

On the other hand, "in-the-marketing-area" fluid milk sales (whole milk items and lowfat and skim milk items) represent sales in each of the marketing areas by handlers regulated under the respective order, by handlers regulated under other Federal orders, by partially regulated handlers, and by producer-handlers. These data are useful in appraising trends in sales of fluid milk products and per capita consumption in the Federal order marketing area.

Order amendments may change marketing areas. In these instances, "in-the-marketing-area" sales are shown, if possible, for an entire year--both according to the area before the change was made and according to the defined area after the change. This permits year-to-year comparisons both before and after the change.

Prices.--All prices reported for Federal milk order markets are the minimum prices required to be paid under order terms. Handlers may pay prices in excess of these minimum amounts. Any such payments in excess of Federal order prices are in no way enforced by Federal milk orders and are not reported in Federal milk order statistics.

Class I prices.--In all markets, the Class I price is based on the Minnesota-Wisconsin price. To this price is added a fixed differential stated in the order. In addition, the level of Class I prices may be limited by a tie to another market.

Manufacturing class prices.--Prices for producer milk used in classes other than Class I are related to the Minnesota-Wisconsin price series. In the case of 39 orders that provide for the advanced announcement of Class II prices, the tentative Class II prices are based on an estimate of the Minnesota-Wisconsin price using a product price formula updating procedure. In a few orders, the prices for milk used in other than Class I are based on the lower of the Minnesota-Wisconsin price or a butter-powder formula price.

Uniform (blend) prices.--In Federal order markets, minimum prices required to be paid producers are termed uniform or "blend" prices. In markets where marketwide pools are used, the blend price is the weighted average of all class values of milk used by all handlers, and all producers must be paid at least this average price per hundredweight, subject to butterfat and location adjustments. For orders that provide for individual handler pools, the blend price reported in statistics for each market is a weighted average of all such individual handlers' blend prices. In markets where producer prices are established in terms of a base price and an excess price, the blend price reported represents the weighted average of base and excess payments.

Location adjustments (differentials).--The Class I price announced by the market administrator is subject to adjustment, depending on the location of the plant. Nearly all orders provide for a downward adjustment of prices at plants that are distant from the major consuming centers to reflect the cost of hauling milk to the city. Generally, Class I prices are progressively lower with increasing distance from the basing point (usually the major city in the marketing area).

Blend prices and base prices paid to producers are subject to adjustment depending on the location of the plant where the producer ships his milk. The adjustment is the same as the location adjustments applied to the Class I price.

Butterfat differentials.--All Federal order prices are quoted on a 3.5 percent butterfat basis. To adjust prices for a higher or lower butterfat content, a butterfat differential is used. The butterfat differential is the amount by which the applicable price is increased or decreased for each one-tenth of 1 percent that the butterfat content of the milk is above or below 3.5 percent. The butterfat differential does not represent the value of butterfat, but reflects the difference between the values of 0.1 pound of butterfat and 0.1 pound of skim milk.

Seasonal incentive payment plans.--Two methods are used in Federal milk orders to encourage a more even production of milk throughout the year. They are the Louisville takeout and payback plans and the seasonal base plans for paying producers.

Louisville plans.--The market administrator withholds a specified amount from the blend price in each of several spring months, when milk production is seasonally high, and puts it into a special fund. In each of several fall months, when milk production declines, a proportion of the total amount withheld plus interest is paid to producers.

Seasonal base plans.--Each year, all producers establish bases equal to their average daily deliveries of milk during the season of low production for the market. The base-forming period is specified in the order and need not be limited to 1 year. During the base-paying months, producers are paid a higher price for the portion of their milk that does not exceed their bases and a lower price (approximately equal to the surplus class price) for deliveries that exceed their bases.

#### SUMMARY OF STATISTICS FOR ALL FEDERAL ORDER MARKETS

In order to insure that certain changes in the statistics for Federal milk order markets can be measured comparably, these statistics have been summarized to show data for a group of markets that have been in continuous regulation and that have had no significant marketing area expansions from January 1 of 1 year through December 31 of the following year. This group of markets are called "comparable markets."

However, for a particular market, the comparability of data (producer receipts, Class I sales, milk disposed of in fluid milk and cream products and in manufactured products) can be affected by changes in order provisions other than marketing area changes. These may include changes in classification, pricing, handler definitions, and the like. Also, noticeable differences can occur in data because of changes in marketing practices that result in changes in the number of producers or plants associated with the particular Federal order market concerned.

MEASURES OF GROWTH IN FEDERAL MILK ORDER MARKETS, SELECTED YEARS, 1947-83

Year	Number of markets: 1/	Population: of Federal: 2/	Number of handlers: 1/	Number of producers: 3/	Number of producers: 3/	Million pounds	Percent	Dol. per 100 lb.	Percent	Prices at 3.5%: 4/	Receipts as: 5/	Daily deliveries: price adjusted for: 6/	Gross value at blend: price adjusted for: 6/
	Number	1,000	Number	Number	Number							Pounds	Dollars
1947	29	*	991	135,830	14,980	9,808	65.5	4.65	4.34	21	*	302	5,024
1950	39	*	1,101	156,584	18,660	11,000	58.9	4.51	3.93	41	25	326	4,914
1955	63	46,963	1,483	188,611	28,948	18,032	62.3	4.67	4.08	51	32	420	6,510
1956	68	48,575	1,486	183,830	31,380	19,615	62.5	4.90	4.24	51	33	466	7,534
1957	68	57,297	1,889	182,551	33,455	21,339	63.8	4.87	4.51	53	34	502	8,147
1958	74	60,717	1,962	186,155	36,356	23,309	64.1	4.72	4.40	56	36	535	8,500
1959	77	67,720	2,197	187,576	40,149	26,250	65.4	4.79	4.43	60	40	586	9,466
1960	80	88,818	2,259	189,816	44,812	28,758	64.2	4.88	4.47	64	43	648	10,482
1961	81	93,727	2,314	192,947	48,803	29,859	61.2	4.91	4.45	67	45	704	11,131
1962	83	97,353	2,258	186,468	51,648	31,606	61.2	4.80	4.14	70	47	761	11,854
1963	82	100,083	2,144	176,477	52,860	32,964	62.4	4.78	4.15	70	48	821	12,814
1964	77	99,333	2,010	167,503	54,447	33,965	62.4	4.87	4.23	70	48	888	14,174
1965	73	102,351	1,891	158,077	54,444	34,561	63.5	4.93	4.31	70	48	944	15,300
1966	71	98,307	1,724	145,964	53,012	34,805	65.7	5.55	4.95	70	48	994	18,526
1967	74	103,566	1,650	140,657	53,761	34,412	64.0	5.85	5.17	71	49	1,056	20,321
1968	67	117,013	1,637	141,623	56,444	36,490	64.6	6.23	5.53	74	52	1,089	22,561
1969	67	122,319	1,628	144,275	61,026	39,219	64.3	6.50	5.74	77	56	1,164	24,892
1970	62	125,721	1,588	143,411	65,104	40,063	61.5	6.74	5.95	79	59	1,244	27,636
1971	62	142,934	1,529	141,347	67,872	40,268	59.3	6.90	6.08	80	60	1,316	29,893
1972	62	142,934	1,487	136,881	68,719	40,938	59.6	7.10	6.31	78	60	1,372	32,439
1973	61	141,472	1,355	131,565	66,229	40,519	61.2	8.03	7.31	78	60	1,386	37,461
1974	61	141,546	1,312	126,805	67,778	39,293	58.0	9.35	8.36	78	61	1,464	45,376
1975	56	144,467	1,315	123,855	69,249	40,106	57.9	9.36	8.64	78	63	1,532	49,233
1976	50	149,493	1,305	122,675	74,586	40,985	54.9	10.70	9.75	79	65	1,661	60,277
1977	47	150,093	1,260	122,755	77,947	41,125	52.8	10.59	9.69	80	66	1,740	62,692
1978	47	150,131	1,189	119,326	78,091	41,143	52.7	11.40	10.57	80	67	1,793	70,528
1979	47	150,131	1,127	116,447	79,436	41,011	51.6	12.88	11.97	80	67	1,870	83,262
1980	47	164,908	1,091	117,490	83,998	41,034	48.9	13.77	12.86	80	67	1,954	93,685
1981	48	165,459	1,058	119,323	87,989	40,746	46.3	14.69	13.63	80	68	2,021	102,354
1982	49	169,770	1,010	120,743	91,611	40,807	44.5	14.63	13.53	81	69	2,079	104,591
1983	47	170,882	958	121,051	95,757	41,091	42.9	14.69	13.53	5/82	5/70	2,168	109,168

\* Data not available.

1/ End of year. (Date on which pricing provisions became effective.)

2/ End of year. 1951-59, 1960-70, 1971-79, 1980-1983 according to 1950, 1960, 1970, and 1980 U.S. census, respectively.

3/ Average for year.

4/ Prices are simple averages for 1947-61 and weighted averages for 1962-83.

5/ Estimated.

Special Articles Published in the 1983 Monthly Summaries of  
"Federal Milk Order Market Statistics"

FMOS - 277, January

How Federal Milk Order Market Statistics Are Developed and What They Mean. This article presents a description of Federal milk order terms and statistics, and discusses why Federal milk order statistics are collected and published.

Measures of Growth in Federal Milk Order Markets, 1947-82. This table shows the growth of the Federal milk order program from 1947 through 1982, by presenting a historical series of Federal milk order statistical measures.

Federal Milk Order Market Administrator Budgets, 1982 and 1983. For each market administrator, budgets representing estimated expenditures, by type of expense and estimated income, and by type of fund, are shown.

FMOS - 278, February

1982 Promotional Activities Under Federal Milk Orders. This article reviews the advertising and promotion programs in effect in Federal milk order markets in 1982. The financial statement of each of the six advertising and promotion funds describing the sources of funds and expenditures is presented. In addition, the budgets of the six advertising and promotion agencies are shown.

Cooperatives in Federal Milk Order Markets. This article assesses the extent of cooperative membership among producers marketing milk under Federal orders. Data are presented as to the number of cooperatives, proportion of producers belonging to cooperatives, and the cooperative market share of producer milk marketings. Historical data are included.

FMOS - 279, March

The Minnesota-Wisconsin Manufacturing Grade Milk Price Series. This article describes the Minnesota-Wisconsin manufacturing grade milk series (M-W price), how it is collected, and presents a comparison of the M-W price and the final two-State estimate.

FMOS - 282, June

Producer Milk Marketed Under Federal Milk Orders by State of Origin. This article reports the findings of the 1982 annual survey of milk supply areas for handlers regulated under Federal milk orders. Data on the origin of producer milk are shown by State and by Federal milk order marketing area. In addition, information for the 25 counties with the largest volume of producer deliveries in December 1981 is presented.

FMOS - 283, July

Individual Marketing Patterns for Milk Producers Shipping to Selected Federal Milk Order Markets. This article summarizes a December 1982 survey of individual farm production patterns in 18 Federal milk order markets. Information is presented as to production change from a base period by size of producer and amount of production change. Projected participation in 50-cent refund and paid diversion programs is explored.

FMOS - 285, September

Adjusting "In-Area" Fluid Milk Sales for Calendar Composition. The process used to adjust "in-area" sales of fluid milk products for calendar composition (the number of Sundays, Mondays, etc. that occur in a month) is described. Specific monthly adjustment factors are presented as well as seasonal indexes.

Suspensions:

Lake Mead - January 1 (49 FR 55276, 12/12/83). This action continues for the months of January through April 1984, the suspension of the requirement that a portion of a dairy farmer's production be received at a pool plant in order for the remaining production to be eligible for diversion.

Also continued for the January-April 1984 period is a suspension that removed the limits on the amount of milk that a cooperative association or other handlers may divert to nonpool plants.

Ohio Valley - January 17 (49 FR 1980, 1/17/84). This action continues for the months of January through March 1984, a suspension of the requirement that a distributing plant must dispose of not less than 50 percent of its receipts on routes to qualify as a pool plant.

Amendment and Merger:

Puget Sound-Inland - January 1 (48 FR 52869, 11/23/83). The marketing area of the new order includes all the area in the Puget Sound and Inland Empire order areas plus eight previously unregulated Washington counties (Adams, Chelan, Douglas, Ferry, Grant, Kittitas, Lincoln, and Okanogan), and the remaining unregulated portions of two other Washington counties (Pend Orielle and Stevens). The merged order retains the order number of the Puget Sound market (No. 125).

A pool distributing plant is a plant from which there is route disposition in the marketing area of at least 10 percent of the Grade A receipts at the plant. A distributing plant with route disposition in the marketing area that does not exceed 300 pounds daily average is exempt from regulation.

A distributing plant that meets the pooling requirements of this order and another Federal order and has a greater quantity of route disposition in the other order, but was pooled under this order in the immediately preceding month, will continue to be pooled under this order until the fourth consecutive month in which a greater proportion of its disposition is in the other order area.

A pool supply plant is a plant from which the percentage of milk products transferred to distributing plants of the Grade A milk physically received at the supply plant from producers or cooperative association handlers or diverted therefrom meets the following minimum monthly requirements: January, February or September - 40 percent; March through August - 30 percent; October through December - 50 percent.

Any plant that qualifies during each of the months of September through February is automatically qualified for the immediately following months of March through August.

The producer-handler provision is essentially the same as the one in effect in the Puget Sound order. The operation and management must be at the personal risk and under the complete and exclusive control of the producer-handler. The sources of supply are limited to his own production and to pool plants. In addition, the plant must have route dispositions within the marketing area of more than a daily average of 300 pounds of fluid milk products during the month. The producer-handler may not be associated with another handler's operation. Milk from the production facilities must not be delivered in the name of another person as producer milk to another handler. Receipts from pool plants are limited to a daily average of 100 pounds of fluid milk products during the month. The operation may also receive nonfat milk solids which are used to fortify fluid milk products.

During the months of September through April, diversions from pool distributing plants are limited to 80 percent of the milk received at the pool distributing plant or diverted therefrom. There is no limitation during the remaining months of May through August.

Diversions from pool supply plants are limited each month to 50 percent of the milk received at the pool supply plant or diverted therefrom.

Two or more cooperatives may combine their deliveries in order to meet the allowable limitation.

The classification of milk generally follows the uniform classification provisions adopted in most Federal orders with fluid milk products in Class I, soft manufactured products in Class II, and hard manufactured products in Class III. There are a few minor exceptions to the uniform classification plan. Class I would also include any mixtures of cream and milk or skim milk containing less than 18 percent butterfat, and packaged inventory of fluid milk products at the end of the month.

The Class I price is the basic formula price (the Minnesota-Wisconsin price) for the second preceding month plus a Class I differential of \$1.85 in Zone 1 (Seattle-Tacoma-Everett area).

The order incorporates the procedure that applied in the two merged orders as well as in a majority of the other orders. This procedure provides for a tentative Class II price for the month to be announced by the 15th of the preceding month. The tentative Class II price is based on the Minnesota-Wisconsin price for the second preceding month as adjusted by an "updating" formula, plus a Class II differential computed from a 12-month moving average of past Class II differentials. Over time, this differential should average around 25 cents. However, the final Class II price cannot be less than the Class III price for the month.

The Class III price is the lower of the basic formula price for the month or a butter-powder formula price (the Chicago Grade A butter price times 4.2 plus the Chicago area spray process nonfat dry milk price times 8.2, minus 48 cents).

The marketing area is divided into 6 zones, and each zone has a specific amount for adjusting Class I and blend prices for location. Plants located outside of these zones have an adjustment rate of minus 1.5 cents per hundredweight per 10 miles that the plant is from the nearer of Spokane or Seattle, Washington.

The order provides for a single butterfat differential for adjusting prices. The differential is the Chicago Grade A (92-score) bulk butter price for the month multiplied by 0.115 and rounded to the nearest cent.

The order calls for marketwide pooling and a single uniform price as the basis for distributing proceeds to producers. The Class I base plan that was in operation in the Puget Sound order is eliminated. The uniform price is to be announced by the 14th day after the end of the month. Handler reports of receipts and utilization are due on the 9th day of the following month. Payroll reports are due by the 22nd day after the month.

Handler payments to the producer-settlement fund are due by the 16th day after the month. Payments from the producer-settlement fund are due by the 18th day after the month.

Partial payments directly to producers for milk delivered during the first half of the month are due by the last day of the month. Final payments are to be made by the 19th day after the end of the month. Both partial and final payments to cooperative associations are due 2 days prior to these dates.

The maximum rate for the cost of administering the order is 4 cents per hundredweight.

The maximum rate for marketing services is 5 cents per hundredweight.

The allowable shrinkage is allocated 1.5 percent to processing operations and 0.5 percent to receiving operations.

Cooperative associations may pool both direct-shipped and diverted producer milk.

The basis for accounting is by individual plants.

U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
WASHINGTON, D.C. 20250

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AGR-101

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